DEPARTMENT OF THE NAVY FY 1999 AMENDED BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES FEBRUARY 1998

AIRCRAFT PROCUREMENT, NAVY
Volume III:
BUDGET ACTIVITY 7

DEPARTMENT OF THE NAVY

FY 1999 PROCUREMENT PROGRAM

SUMMARY FEB 1998 (\$ IN MILLIONS)

APPROPRIATION: AIRCRAFT PROCUREMENT, NAVY			
ACTIVITY	FY 1997	FY 1998	FY 1999
01. COMBAT AIRCRAFT	3,629.1	3,391.5	4,289.7
02. AIRLIFT AIRCRAFT		29.7	132.2
03. TRAINER AIRCRAFT	288.5	284.7	342.8
04. OTHER AIRCRAFT	208.0	117.1	
05. MODIFICATION OF AIRCRAFT	1,467.2	1,468.5	1,594.6
06. AIRCRAFT SPARES AND REPAIR PARTS	776.8	663.4	727.8
07. AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	345.4	332.7	379.5
TOTAL	6,715.0	6,287.5	7,466.7

DEPARTMENT OF THE NAVY

FY 1999 PROCUREMENT PROGRAM EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMEN	NT, NAVY						DATE: FEB	1998	
						MI	LLIONS OF		
LINE NO ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	FY	1997	FY QUANTITY	1998	FY QUANTITY	1999	E
BUDGET ACTIVITY 01: COMBAT AIRCRAFT									
COMBAT AIRCRAFT									
1 AV-8B (V/STOL)HARRIER LESS: ADVANCE PROCUREMENT (PY)	A	25,016,000	12	(353.0) (-21.6)		(299.5)		(300.2)	U
				331.5		276.9		282.7	
2 AV-8B (V/STOL)HARRIER ADVANCE PROCUREMENT (CY) (FY 1997 FOR FY 1998) (MEMO) (FY 1998 FOR FY 1999) (MEMO) (FY 1999 FOR FY 2000) (MEMO) (FY 1999 FOR FY 2001) (MEMO)				22.5 (22.5)		17.5 (17.5)		55.7 (40.9) (14.8)	
3 F/A-18C/D (FIGHTER) HORNET	A		6	272.0					U
4 F/A-18E/F (FIGHTER) HORNET LESS: ADVANCE PROCUREMENT (PY)	В	95,870,966		(-233.6)		(-239.4)		(-88.3)	U
				1798.7		2024.5		2787.8	
5 F/A-18E/F (FIGHTER) HORNET ADVANCE PROCUREMENT (CY) (FY 1997 FOR FY 1998) (MEMO) (FY 1998 FOR FY 1999) (MEMO) (FY 1999 FOR FY 2000) (MEMO)				239.4 (239.4)		88.3		109.4	

DEPARTMENT OF THE NAVY

FY 1999 PROCUREMENT PROGRAM EXHIBIT P-1

APPROI	PRIATION: 1506N AIRCRAFT PROCUREME	NT, NAVY						DATE: FEB	1998
			(DOLLARS)					LLIONS OF	
LINE		IDENT	FY 1999					FY	
NO	ITEM NOMENCLATURE	CODE	UNIT COST	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST
	-22 (MEDIUM LIFT) ESS: ADVANCE PROCUREMENT (PY)	В	95,918,285	5	(603.5)		. ,	7	. ,
					603.5		611.9		610.8
A1 ()	-22 (MEDIUM LIFT) DVANCE PROCUREMENT (CY) FY 1997 FOR FY 1998) (MEMO)				55.9 (55.9)		60.7		54.0
,	FY 1998 FOR FY 1999) (MEMO) FY 1999 FOR FY 2000) (MEMO)						(60.7)		(54.0)
8 SI	H-60B (ASW HELICOPTER) SEAHAWK	А			10.2				
	-2C (EARLY WARNING) HAWKEYE ESS: ADVANCE PROCUREMENT (PY)	A	75,135,666		(319.9) (-46.5)		(314.6)		(225.4)
					273.4		292.7		206.4
Al	-2C (EARLY WARNING) HAWKEYE DVANCE PROCUREMENT (CY) FY 1997 FOR FY 1998) (MEMO)				22.0		19.0		182.9
(1	FY 1998 FOR FY 1999) (MEMO) FY 1999 FOR FY 2000) (MEMO) FY 1999 FOR FY 2001) (MEMO) FY 1999 FOR FY 2002) (MEMO) FY 1999 FOR FY 2003) (MEMO)						(19.0)		(37.8) (48.2) (48.7) (48.2)

TOTAL COMBAT AIRCRAFT

3,629.1 3,391.5 4,289.7

DEPARTMENT OF THE NAVY

FY 1999 PROCUREMENT PROGRAM EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMEN	NT, NAVY						DATE: FEB	1998
							LLIONS OF	
LINE NO ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	FY QUANTITY	1997	FY QUANTITY	1998	FY QUANTITY	S 1999 E COST C
BUDGET ACTIVITY 02: AIRLIFT AIRCRAFT								
11 CH-60	А	26,506,750			2	29.7	4	106.0 U
12 CH-60 ADVANCE PROCUREMENT (CY) (FY 1999 FOR FY 2000) (MEMO)								26.2 U (26.2)
TOTAL AIRLIFT AIRCRAFT						29.7		132.2
BUDGET ACTIVITY 03: TRAINER AIRCRAFT								
13 T-45TS (TRAINER) GOSHAWK LESS: ADVANCE PROCUREMENT (PY)	В	19,250,333		(292.1)		(304.0)		(288.8) U (-6.1)
				263.1		278.6		282.7
14 T-45TS (TRAINER) GOSHAWK ADVANCE PROCUREMENT (CY) (FY 1997 FOR FY 1998) (MEMO)				25.4 (25.4)		6.1		60.2 U
(FY 1998 FOR FY 1999) (MEMO) (FY 1999 FOR FY 2000) (MEMO) (FY 1999 FOR FY 2001) (MEMO) (FY 1999 FOR FY 2002) (MEMO)						(6.1)		(40.4) (12.5) (7.3)
TOTAL TRAINER AIRCRAFT				288.5		284.7		342.8

DEPARTMENT OF THE NAVY

FY 1999 PROCUREMENT PROGRAM EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROC							DATE: FEB 19	98 	_
		(DOLLARS)					LLIONS OF DO		-
LINE			FY	1997	FY 1	L998	FY 1999		-
NO ITEM NOMENCLATURE	CODE 	UNIT COST	~		~		QUANTITY		
BUDGET ACTIVITY 04: OTHER AIRCRAN	rΤ								
15 KC-130J	А			208.0	2 -	117.1			
FOTAL OTHER AIRCRAFT				208.0		117.1			
BUDGET ACTIVITY 05: MODIFICATION	OF AIRCRAFT								
16 EA-6 SERIES	А			218.0		113.3		75.7	
17 AV-8 SERIES	А			22.2		31.9		99.1	
18 F-14 SERIES	А			226.5		279.6	2	23.7	
19 ADVERSARY	A			*		.1		1.3	
20 ES-3 SERIES	А			6.7		5.0		5.2	
21 F-18 SERIES	А			144.3		140.6	1	98.0	
22 H-46 SERIES	А			33.8		32.6		31.9	
23 AH-1W SERIES	А			23.2		22.6		22.4	
24 H-53 SERIES	А			56.7		44.4		37.8	
25 SH-60 SERIES	А			46.4		72.5	1	38.0	
26 H-1 SERIES	А			18.2		16.0		18.2	
27 H-3 SERIES	А			1.5		1.4		*	

* ITEMS UNDER \$50,000 PAGE N-5

DEPARTMENT OF THE NAVY

FY 1999 PROCUREMENT PROGRAM EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCURE	MENT, NAVY						DATE: FEB 1	998	
			MILLIONS OF DOLLARS						
LINE NO ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	FY 1 QUANTITY	997 COST	FY 1 QUANTITY	998 COST	FY 19 QUANTITY	99 COST	- Е Г С
28 EP-3 SERIES	Α								
29 P-3 SERIES	А			216.9		231.2		268.6	U
30 S-3 SERIES	А			28.9		47.0		46.0	U
31 E-2 SERIES	А			27.1		42.8		91.5	U
32 TRAINER A/C SERIES	А			6.4		7.7		7.4	U
33 C-2A	А					18.7		18.1	U
34 C-130 SERIES	А			2.7		12.3		4.0	U
35 FEWSG	А			.6		.5		.6	U
36 CARGO/TRANSPORT A/C SERIES	А			38.5		25.2		27.2	U
37 E-6 SERIES	А			97.2		93.8		64.7	U
38 EXECUTIVE HELICOPTERS SERIES	А			20.6		22.1		26.1	U
39 SPECIAL PROJECT AIRCRAFT	А			13.5		23.0		17.7	U
40 T-45 SERIES	А			5.5		5.3		8.5	U
41 POWER PLANT CHANGES	А			15.1		15.2		15.3	U
42 MISC FLIGHT SAFETY CHANGES	А			1.1					U
43 COMMON ECM EQUIPMENT	А			61.9		32.0		37.4	U

* ITEMS UNDER \$50,000 PAGE N-6

DEPARTMENT OF THE NAVY

FY 1999 PROCUREMENT PROGRAM EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMEN							DATE: FEB 1	998	
			LARS)			LLIONS OF DO			
LINE NO ITEM NOMENCLATURE	IDENT CODE	FY 1999	FY 1	997 COST	FY 19	998 COST	FY 19	99 COSI	- i
44 COMMON AVIONICS CHANGES	А			96.4		127.3	: : 		1
COTAL MODIFICATION OF AIRCRAFT							1,		
BUDGET ACTIVITY 06: AIRCRAFT SPARES AND	REPAIR	PARTS							
45 SPARES AND REPAIR PARTS	А			776.8		663.4		727.8	Ţ
OTAL AIRCRAFT SPARES AND REPAIR PARTS				776.8		663.4		727.8	
SUDGET ACTIVITY 07: AIRCRAFT SUPPORT EQ	UIPMENT .	AND FACILITI	ES						
46 CANCELLED ACCOUNT ADJUSTMENTS (M)	A			.7					1
47 CANCELLED ACCOUNT ADJUSTMENTS (88)	A			.1					
48 CANCELLED ACCOUNT ADJ (89)	A			.6					1
49 CANCELLED ACCOUNT ADJUSTMENTS (87)	A			*					Ţ
50 COMMON GROUND EQUIPMENT	A			291.1		266.3		331.0	1
51 AIRCRAFT INDUSTRIAL FACILITIES	A			14.3		17.2		13.8	1
52 WAR CONSUMABLES	A			13.4		15.6		11.2	
53 OTHER PRODUCTION CHARGES	А			13.7		9.2		7.6	
54 SPECIAL SUPPORT EQUIPMENT	A			8.6		22.8		14.4	

DEPARTMENT OF THE NAVY

FY 1999 PROCUREMENT PROGRAM EXHIBIT P-1

APPROPRI	ATION: 1506N AIRCRAFT PROCUREMENT	NT, NAVY						DATE: FEB 1	L998	
			(DOLL ADG.)					LLIONS OF I		
LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	QUANTITY	97		998			E
55 FIRS	T DESTINATION TRANSPORTATION	А			3.0		1.7		1.7	U
TOTAL AI	RCRAFT SUPPORT EQUIPMENT AND FA	CILITIES		3	345.4		332.7		379.5	
TOTAL AI	RCRAFT PROCUREMENT, NAVY			6,5	715.0	6	,287.5	7,	466.7	

Aircraft Procurement, Navy Program and Financing (in Thousands of dollars)

	actions	nrogramed)				
Identification code 17-1506-0-1-051	1997 actual	1998 est.	1999 est.	1997 actual	1998 est.	1999 est.
Program by activities:						
Direct program: 00.0101 Combat aircraft	3,629,056	3,391,481	4,289,737	2 400 052	3,153,532	3,872,313
00 0201 Airlift aircraft		29 684	122 107		22 155	107 560
00.0301 Trainer aircraft 00.0401 Other aircraft 00.0501 Modification of aircraft	288,527 208,043	284,673	342,826	291,581	324,186	330,302
00.0401 Other aircraft	208,043	117,143		153.873	139.321	31.960
00.0501 Modification of aircraft 00.0601 Aircraft spares and repair parts	1,467,220	1,468,478	1,594,602	1,443,292	1,627,332	1,486,770
00.0601 Aircraft spares and repair parts 00.0701 Aircraft support equipment and facilities	345,419	332,706	379,544	417,181	307,624	358,839
00.9101 Total direct program	6,715,041	6,287,529	7,466,734	6,496,680	6,115,232	6,855,289
01.0101 Reimbursable program	55	7,100	7,100		7,155	7,100
10.0001 Total				6,496,680		
Financing:						
Offsetting collections from: 11.0001 Federal funds(-)	-55	_7 100	_7 100	50	_7 100	_7 100
17.0001 rederal runds(-) 17.0001 Recovery of prior year obligations	-55	-7,100	-7,100	-74,032	-7,100	-7,100
Unobligated balance available, start of year:						
21.4002 For completion of prior year budget plans 21.4003 Available to finance new budget plans	47 400	-24,000			-1,301,180 -24,000	-1,473,422
21.4009 Reprograming from/to prior year budget plan		-24,000		-47,400	-24,000	
Unobligated balance available, end of year:	,,					
24.4002 For completion of prior year budget plans	24 000			1,301,180	1,473,422	2,084,867
24.4003 Available to finance subsequent year budget 25.0001 Unobligated balance expiring	24,000 17,638			24,000 17,638		
	6,691,641	6,263,529	7,466,734	24,000 17,638 	6,263,529	7,466,734
Budget authority: 40.0001 Appropriation	6 913 962	6 535 444	7 466 734	6,913,962	6,535,444	7,466,734
40.3601 Appropriation rescinded (unob bal)	6,913,962	-24,000	7,100,731	0,515,502	-24,000	7,100,731
40.7601 Reduction pursuant to P.L. 105-56 (-), 8041		-118,293			-118,293	
41.0001 Transferred to other accounts (-) 42.0001 Transferred from other accounts	-269,121	-129,622		-269,121 46,800	-129,622	
				40,600		
43.0001 Appropriation (adjusted)	6,691,641	6,263,529	7,466,734	6,691,641	6,263,529	7,466,734

Aircraft Procurement, Navy Program and Financing (in Thousands of dollars)

	Budget Plan (amounts for PROCUREMENT actions programed)			Obligations			
Identification code 17-1506-0-1-051	1997 actual	1998 est.	1999 est.	1997 actual	1998 est.	1999 est.	
Relation of obligations to outlays: 71.0001 Obligations incurred 72.1001 Orders on hand, SOY 72.4001 Obligated balance, start of year 74.1001 Orders on hand, EOY 74.4001 Obligated balance, end of year 77.0001 Adjustments in expired accounts (net) 78.0001 Adjustments in unexpired accounts				6,496,730 16,083 6,874,697 -9,194 -7,927,332 -54,308 -74,032	6,115,287 9,194 7,927,332 -9,194 -8,607,006	6,855,289 9,194 8,607,006 -9,194 -9,488,851	
90.0001 Outlays (net)				5,322,644	5,435,613	5,973,444	

Aircraft Procurement, Navy Object Classification (in Thousands of dollars)

1997 actual	1998 est.	1999 est.
1,917	1,717	1,748
83,785	93,853	97,777
•	,	409,270
	. ,	517,316
5,505,984	5,093,076	5,829,178
6,496,680	6,115,232	6,855,289
	7,155	7,100
	7,155	7,100
 6 406 690	6 122 207	6,862,389
	1,917 83,785 386,933 518,061 5,505,984	1,917 1,717 83,785 93,853 386,933 409,270 518,061 517,316 5,505,984 5,093,076

COMPARISON OF FY 1997 PROGRAM REQUIREMENTS AS REFLECTED IN FY 1998 PRESIDENT'S BUDGET WITH FY 1997 PROGRAM REQUIREMENTS SHOWN IN FY 1999 PRESIDENT'S BUDGET

(In Thousands of Dollars)

Rec	otal Program quirements per 998 Budget	Total Program Requirements per FY 1999 Budget	Increase (+) or Decrease (-)
Combat Aircraft	\$ 3,763,860	3,629,056	-\$ 134,804
Trainer Aircraft	292,481	288,527	- 3,954
Other Aircraft	206,387	208,043	+1,656
Modification of Aircraft	1,436,871	1,467,220	+30,349
Aircraft Spares and Repair Parts	819,929	776,776	- 43,153
Aircraft Support Equipment and Facilities	353,294	345,418	- 7,876
Reimbursable Program	7,100	55	7,045
TOTAL FISCAL YEAR PROGRAM	\$ 6,879,922	\$ 6,715,095	-\$ 164,827

EXPLANATION BY BUDGET ACTIVITY (B. A.)

Combat Aircraft (-\$134.804 million):

Major changes in this budget activity include a rescission from F/A-18 E/F (-\$24 million); the Revised Economic Assumptions rescission from the DOD Supplemental (-\$39.114 million); a reprogramming from V-22 Advanced Procurement (AP) to the Research, Development, Test and Evaluation (RDT&E) appropriation (-\$68.4 million); the OMNIBUS reprogramming from the AV-8B program (-\$2 million); and multiple below-threshold reprogrammings (BTR) (-\$1.29 million) to execute current program requirements.

Trainer Aircraft (-\$3.954 million):

Major adjustments in this budget activity are the DOD Supplemental rescission for Revised Economic Assumptions, Section 8046 (-\$1.196 million); a BTR action (-\$2.5 million) from the T-45 program to the H-53 Modification program for SWASHPLATE and IMDS requirements; and a minor BTR (\$-.258 million) from the T-45 AP to SH-60B to effectively accomplish planned program objectives.

Other Aircraft (+\$1.656 million):

Major adjustments in this budget activity are the DOD Supplemental rescission for Revised Economic Assumptions, Section 8046 (-\$.844 million); and a BTR action (\$2.5 million) to fund an increase in KC-130J support costs.

Modification of Aircraft (+\$30.349 million):

Major changes in this budget activity are the DOD Supplemental rescission for Revised Economic Assumptions (-\$6.055 million); the OMNIBUS reprogramming from H-53 (-\$1.6 million); the Military Personnel, Navy reprogramming (-\$7.087 million) from the F-14 and F/A-18 programs; a transfer in for Counter-Drug Interdiction support (+\$46.8 million) to the P-3 aircraft; and multiple BTR actions within this budget activity and other budget activities to execute current program requirements (-\$1.709 million).

Spares (-\$43.153 million):

Major changes in this budget activity are the DOD Supplemental rescission for Revised Economic Assumptions (-\$3.353 million); the OMNIBUS reprogramming (-\$39.1 million); and several BTR actions (-\$.7 million).

Aircraft Support Equipment and Facilities (-\$7.876 million):

Major changes in this budget activity are the DOD Supplemental rescission for Revised Economic Assumptions (-\$1.438 million); the OMNIBUS reprogramming (-\$2.368 million); the Military Personnel, Navy reprogramming (-\$8.026 million); and various BTR actions including Canceled Account Adjustments (\$3.956 million).

Reimbursable Program (-\$7.045 million):

Actual reimbursable program collections are less than were anticipated in the budget plan.

COMPARISON OF FY 1997 FINANCING AS REFLECTED IN FY 1998 PRESIDENT'S BUDGET WITH FY 1997 FINANCING SHOWN IN FY 1999 PRESIDENT'S BUDGET

(In Thousands of Dollars)

	Financing per FY 1998 Budget	Financing per FY 1999 <u>Budget</u>		Increase (+) or Decrease (-)
Program Requirements (Total)	\$ 6,879,922	\$ 6,715,096	_	\$ 164,826
Program Requirements (Service account)	6,872,822	6,715,041	-	157,781
Program Requirements (Reimbursable)	7,100	55	-	7,045
Less:				
Anticipated Reimbursements	7,100	55	+	7,045
Transferred from other accounts		46,800	-	46,800
Unobligated balance expiring		17,638	-	17,638
Available to finance new budget plans	13,400	47,400	-	34,000
Add:				
Transferred to other accounts	140,540	269,121	+	128,581
Unobligated balance available to finance				
subsequent year budget plans		24,000	+	24,000
Reduction pursuant to P.L. 104-208	13,648		-	13,648
Reprogramming from/to prior year budgets		17,638	+	17,638
Appropriation rescinded (unob bal)	13,400	<u></u>	-	13,400
Appropriation	\$ 7,027,010	\$ 6,913,962	-	\$ 113,048

EXPLANATION OF CHANGES IN FINANCING

The change in program financing of \$164,826,000 is due to decreased program account needs (-\$157,781,000) explained previously plus fewer actual orders than anticipated in the reimbursable account (-\$7,045,000).

Financing changes increase the appropriation by the amount of \$113,048,000. Financing adjustments include transfers of +\$128,581,000, +\$24,000,000 relating to unobligated balances, +\$17,638,000 for reprogramming associated with prior year budget plans, -\$13,400,000 by rescission and -\$13,648,000 in reductions. These were partially offset by -\$46,800,000 transferred from other accounts, a decrease in anticipated reimbursements \$7,045,000, unobligated balance expiring -\$17,638,000 and -\$34,000,000 of funding available to finance new budget plans.

COMPARISON OF FY 1998 PROGRAM REQUIREMENTS AS REFLECTED IN FY 1998 PRESIDENT'S BIENNIAL BUDGET WITH FY 1998 PROGRAM REQUIREMENTS SHOWN IN FY 1999 PRESIDENT'S BUDGET

(In Thousands of Dollars)

	Total Program Requirements per FY 1998 Budget	Total Program Requirements per FY 1999 Budget	Increase (+) or Decrease (-)
Combat Aircraft	\$ 3,285,758	\$ 3,391,481	\$ +105,723
Airlift Aircraft	31,837	29,684	- 2,153
Trainer Aircraft	250,195	284,673	+34,478
Other Aircraft	0	117,143	+117,143
Modification of Aircraft	1,422,044	1,468,478	+46,434
Aircraft Spares and Repair Parts	740,214	663,364	- 76,850
Aircraft Support Equipment and Facilities	355,917	332,706	- 23,211
Reimbursable Program TOTAL FISCAL YEAR PROGRAM	7,100 \$ 6,093,065	7,100 \$ 6,294,629	+ \$ 201,564

EXPLANATION BY BUDGET ACTIVITY

Combat Aircraft (\$+105.723 million):

Major changes in this budget activity include Congressional action to procure 1 additional AV-8B (VSTOL) Harrier aircraft (\$5.228 million), 2 additional V-22 (Medium Lift) aircraft (\$147.465 million), and 1 additional E-2C (Early Warning) aircraft (\$68 million); the following Congressional reductions: Revised Economic Assumptions (-\$23.609 million), Advisory and Assistance Services (-\$2.064 million), General Reductions, Sect. 8043 (-\$52.602) and Warranty Savings, Sect. 8106 (-\$6.195 million); an anticipated reprogramming from the F/A-18 E/F (Fighter) aircraft program to the RDT&E appropriation (-\$26 million); and a BTR action from the E-2C program to the T-45TS trainer aircraft (-\$4.5 million).

Airlift Aircraft (-\$2.153 million):

Major changes in this budget activity include Congressional action to procure 2 CH-60 helicopters for the Naval Reserve, while deleting the Advance Procurement funding resulting in a net reduction (-\$1.437 million); and the following Congressional reductions: Revised Economic Assumptions (-\$.205 million), General Reductions, Sect. 8043 (-\$.457) and Warranty Savings, Sect. 8106 (-\$.054 million).

Trainer Aircraft (+\$34.478 million):

Major changes in this budget activity include Congressional action to procure 3 additional T-45TS Trainer aircraft (\$45.423 million); the following Congressional reductions: Revised Economic Assumptions (-\$2.023 million), Advisory and Assistance Services (-\$.383 million), General Reductions, Sect. 8043 (-\$4.508 million) and Warranty Savings, Sect. 8106 (-\$.531 million); a reduction to the T-45 modernization program for the FY 1998 Military Personnel, Navy reprogramming (\$-8 million); and a BTR action from the E-2C program to the T-45TS trainer aircraft for support costs (\$4.5 million).

Other Aircraft (+\$117.143 million):

Major changes in this budget activity include Congressional action to procure 2 KC-130J aircraft (\$120 million); and the following Congressional reductions: Revised Economic Assumptions (-\$.809 million), Advisory and Assistance Services (-\$.034 million), General Reductions, Sect. 8043 (-\$1.802) and Warranty Savings, Sect. 8106 (-\$.212 million).

Modification of Aircraft (+\$46.434 million)

Major changes in this budget activity include Congressional action to the following modification programs: Cargo Transport aircraft (-\$4 million) Power Plant Changes (\$1.6 million), Common Avionics Changes (-\$1.2 million) H-1 Series (-\$.1 million), Special Project Aircraft (\$7 million), H-53 Series (\$10 million), P-3 Series (\$73.3 million), EA-6 Series (\$30 million), F-14 Series (-\$3.3 million), F-18 Series (\$8.5 million); the following Congressional reductions: Revised Economic Assumptions (-\$10.435 million), Advisory and Assistance Services (-\$4.539 million), General Reductions, Sect. 8043 (-\$23.248) and Warranty Savings, Sect. 8106 (-\$2.74 million); a reduction to the AH-1W Series (-\$11 million), H-1 Series (-\$2 million), E-2C Series (-\$5 million), and F-18 Series (-\$20.2 million) for the FY 1998 Military Personnel, Navy reprogramming; and a BTR action to fund a critical avionics upgrade in the S-3 modification program (\$3.796 million).

Aircraft Spares and Repair Parts (-\$76.85 million):

Major changes in this budget activity include a reprogramming from the Spares and Repair Parts program to fund the Fleet Supply Initiative (-\$52.973 million); a BTR to fund a critical avionics upgrade in the S-3 modification program (-\$3.796 million); a reduction for the FY 1998 Military Personnel, Navy reprogramming (-\$4 million); and the following Congressional reductions: Revised Economic Assumptions (-\$4.606 million), General Reductions, Sect. 8043 (-\$10.265) and Warranty Savings, Sect. 8106 (-\$1.21 million).

Aircraft Support Equipment and Facilities (-\$23.211 million):

Major changes in this budget activity include the following Congressional actions: a reduction to Common Ground Equipment (-\$13 million); a reduction from the Other Production Charges program for the FY 1998 Military Personnel, Navy reprogramming (-\$.449 million), Revised Economic Assumptions (-\$2.313 million), Advisory and Assistance Services (-\$1.694 million) General Reductions, Sect. 8043 (-\$5.15), Warranty Savings, Sect. 8106 (-\$.605 million).

COMPARISON OF FY 1998 FINANCING AS REFLECTED IN FY 1998 PRESIDENT'S BUDGET WITH FY 1998 FINANCING SHOWN IN FY 1999 PRESIDENT'S BUDGET

(In Thousands of Dollars)

	Financing per FY 1998 Budget	Financing per FY 1999 <u>Budget</u>		Increase (+) or Decrease (-)
Program Requirements (Total)	\$ 6,093,065	\$ 6,294,629	+	\$ 201,564
Program Requirements (Service account)	6,085,965	6,287,529	+	201,564
Program Requirements (Reimbursable)	7,100	7,100		
Less:				
Anticipated Reimbursements	7,100	7,100	+	0
Transferred from other accounts	134,000		+	134,000
Available to finance new budget plans		24,000	-	24,000
Add:				
Transferred to other accounts		129,622	+	129,622
Appropriation Rescinded (unoblig. balance)		24,000	-	24,000
Reduction pursuant to P.L. 105-56		<u>118,293</u>	+	118,293
Appropriation	\$ 5,951,965	\$ 6,5345,444	+	\$ 583,479

EXPLANATION OF CHANGES IN FINANCING

The change in financing program requirements of \$201,564,000 is the result of specific Congressional increases of \$493,479,000, which were offset by Congressionally directed decreases for Contract Advisory & Assistance Services (-\$8,714,000), Revised Economic Assumptions (-\$44,000,000), Warranty Savings (-\$11,547,000), and a 1.5% General Reduction (-\$98,032,000). Additional decreases were directed within the Office of the Secretary of Defense in the amount of \$129,622,000 as previously explained.

Financing changes increase the appropriation by a new amount of \$583,479,000. Financing adjustments include transfers of +\$129,622,000, -\$24,000,000 relating to unobligated balances, and +\$118,293,000 pursuant to Public Law 105-56. These were partially offset by \$24,000,000 available to finance new budget plans, and +\$134,000,000 transferred from other accounts.

AIRCRAFT PROCUREMENT, NAVY

For construction, procurement, production, modification and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment; expansion of public and private plants, including the land necessary therefore, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; \$7,466,734,000 to remain available for obligation until September 30, 2001.

FINANCING

FY 1999 budget plan of \$7,466,734,000 for the Aircraft Procurement, Navy appropriation is to be financed by new obligational authority.

UNCLASSIFIED

			BUDGET	ITEM JUST	IFICATION S	SHEET				DATE:			
				P-40	0						Februa	ry 1998	
APPROPRIATION/BU	DGET ACTIVIT	Y						P-1 ITEM NO	MENCLATURE				
Aircraft Procurem	ent, Navy B	A-7							Can	celed Acco	unt Adjustm	nents	
Program Element for C	Code B Items:							Other Related	Program Elem	nents			
	Dries ID												
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
0.144													
QUANTITY													
COST													
(In Millions)				\$17.117	\$0.724								

This line finances canceled account adjustments.

	<u>FY 1996</u>	FY1997
For FY 1986 and prior:	11.526	0.650
For FY 1987:	1.271	0.024
For FY 1988:	2.737	0.082
For FY 1989:	<u>1.583</u>	0.553
Total	17.117	0.724

P-1 SHOPPING LIST
ITEM NO. 46 - 49 PAGE NO. 1

CLASSIFICATION:

CLASSIFICATION:	UNCLASSIFIED											
				BUDG	ET ITEM JU	STIFICATIO	N SHEET					
]	P-40						
APPROPRIATION / I	BUDGET ACTIVIT	$\Gamma \mathbf{Y}$				P-1 ITEM NO	OMENCLATI	URE		Date: Februa	ry 1998	
APN-7 AIRCRAFT E	QUIPMENT AND F	ACILITIES					COMMON G	ROUND EQ	UIPMENT			
FISCAL YEARS	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total
QUANTITY												
COST (in millions)	\$ 4,343.414	\$ 385.640	\$ 339.743	\$ 291.076	\$ 266.070	\$ 330.952	\$ 369.378	\$ 327.713	\$ 325.392	\$ 336.822	Cont'd	Cont'd
The Common Grou (CASS), support equipment for aircraft or common in a		nt Force, mobi	le maintenance	e facilities for M	larine expediti	onary forces, a	and other aircra	aft ground supp	port equipmen	t that is either p	eculiar to out-of-p	

		FY 1997	FY 1998	FY 1999
Ground Support Equi	ip	231.000	205.043	254.729
Mobile Maint Faciliti	ies	0.703	7.235	7.287
Training		59.373	53.992	68.936
	TOTAL	\$291.076	\$266.270	\$330.952

P-1 Shopping List CLASSIFICATION DD FORM 2454, JUN 86 UNCLASSIFIED Item No.

Page No:

CLASSIFICATION: UNCLASSIF	IED											
				BUDGET IT	EM JUSTIFIO P-40	CATION SHE	ET					
APPROPRIATION / BUDGET ACT	TVITY					P-1 ITEM NO	OMENCLATU	RE		DATE: Februa	ary 1998	
AIRCRAFT PROCUREMENT,	NAVY BA-7						C	COMMON AN SUPPORT E		C2		
FISCAL YEARS	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total
QUANTITY												
COST (in millions)	*	\$ 323.814	\$ 275.808	\$ 231.0	\$ 205.043	\$ 254.728	\$ 266.703	\$ 251.017	\$ 253.967	\$ 259.957	Cont'd	Cont'd
The following elements comprise the A	viation Suppor	t Equipment and	l Consolidated	Automated Su	pport Systems I	Program					То	
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	<u>Total</u>
Automatic Test Equipment		86.162	69.883	60.805	59.407	47.099	69.911	55.993	56.034	57.572	Cont'd	Cont'd
Aircraft Common SE		31.552	39.952	24.701	17.100	29.573	19.284	13.000	13.629	15.318	Cont'd	Cont'd
CP Managed SE		8.962	12.999	10.140	13.805	7.170	3.615	4.000	4.038	4.225	Cont'd	Cont'd
Gas Turbine Compressor		1.301	21.245	1.844	1.149	42.617	39.881	36.584	36.309	34.777	115.678	378.965
Avionics SE		21.201	13.106	25.553	9.411	14.982	22.900	21.995	22.210	22.183	Cont'd	Cont'd
RDF/Maritime Prepos		2.006	1.068	1.04	1.400	1.025	1.205	2.000	2.019	2.112	Cont'd	Cont'd
HDQRS Managed SE		<u>13.4</u>	<u>5.911</u>	2.928	3.452	4.097	<u>3.615</u>	3.000	3.028	4.225	Cont'd	Cont'd
Sub Total		164.584	164.164	127.011	105.724	146.563	160.411	136.572	137.267	140.412	Cont'd	Cont'd
Consolidated Automated Supt Sys		159.23	111.644	103.989	99.319	108.166	106.292	114.445	116.700	119.545	0.000	1708.300
Grand Total		323.814	275.808	231.000	205.043	254.729	266.703	251.017	253.967	259.957	Cont'd	Cont'd

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

CLASSIFICATION:	UNCLASSIFI	ED											
					BUDGET	TITEM JUSTIFIC	CATION SHEET	•					
						P-40							
APPROPRIATION / BUDGET A	ACTIVITY							P-1 ITEM NOM	ENCLATURE			Date: February 19	998
AIRCRAFT PROCUREM	ENT, NAVY BA-7							COMMON GRO	UND EQUIPME	NT - 47C2			
								AUTOMATIC T	EST EQUIPMEN	T			
Program Element for Code B Item	is:							Other Related Pro	gram Elements:				
	T												
FISCAL YEARS	Prior	ID	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	То	Total
	Years	Code										Complete	
QUANTITY													
COST (in millions)	*		\$ 86.162	\$ 69.883	\$ 60.805	\$ 59.407	\$ 47.099	\$ 69.911	\$ 55.993	\$ 56.034	\$ 57.572	Cont'd	Cont'd

GENERAL PROGRAM DESCRIPTION

This sub-line provides for the transition of current Automatic Test Equipment (ATE) Test Program Sets (TPSs) to AN/USM-636(V) Consolidated Automated Support System (CASS), and the acquisition of common ATE to meet Fleet operational requirements identified in the Fleet concurred Common Support Equipment Operational Requirements List.

TEST PROGRAM SETS (TPSs) TRANSITION TO CASS

TPSs are SE that consist of the hardware, software, and documentation required to automatically fault detect and isolate electronic Units Under Test (UUTs) to the defective sub-component. Existing ATE that can no longer be economically supported will be offloaded to CASS based on Fleet priorities. This budget request funds the procurement of TPSs to offload support from existing obsolete ATE to CASS, as well as support of GFE requirements for these efforts such as CASS stations in the Test Integration Facilities and UUTs. Offload projects include USM-247 VAST. ASM-614B/C ESTS. APM-438 (APS-137 Radar), USM-470(V)1 MV, High Power ATE Offload (APM-446 RSTS, APM-457, OJ-632 RFTS, OJ-615/602), USM-604 EETS, AWM-23, USM-392B DMTS, USM-629 EOTS, USM-403 HATS, USM-467 RADCOM, AAM-60, and USM-484 HTS.

MAINTENANCE DATA PROCESSING SYSTEM (MDPS)

The MDPS is the common SE to interface with the current aircraft standard Digital Storage Unit, the Tape Transport Module, and the future Data Storage Set. Data transferred from the aircraft to the MDPS is processed to calculate life used on engine components and the airframe fatigue life. Processed data is provided to aircraft maintainers via screens and reports. The MDPS is being replaced by the Automated Maintenance Environment (AME). The responsibility of MDPS has been transitioned from Common Ground Equipment (PMA-260) to AIR-3.6 as an integral part of AME.

ATE MODIFICATION

System modification is necessary to maintain current technology, replace obsolete and insupportable equipment, incorporate necessary reliability and maintainability improvements, and correct Fleet reported problems as a result of Engineering Investigations/Quality Deficiency Reports for out-of-production common ATE (CATE). The modification requirement is also driven by the availability of CASS stations to offload existing ATE. These requirements are to resolve current obsolescence problems in CATE that are not scheduled for offload to CASS until 2000 and beyond. Without these modifications these CATE will not remain operational because of the non-availability of replacement parts.

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

DD FORM 2454, JUN 86 P-1 Shopping List CLASSIFIED: UNCLASSIFIED

Item No. Page No: 3

! !	Weapon System Cost Analysis P-5	(n																	
Appu	Appropriation/Budget Activity Aircraft Procurement, Navy BA-7							ID Code		P-1 Item Nomenclature COMMON GROUND E	P-1 Item Nomenclature COMMON GROUND EQUIPMENT - 47C2	UNT - 47C2					Date: February 1998	ry 1998	
			Prior	TOT	TOTAL COST IN	VASTIOHT	THOTISANDS OF DOLLARS	LLARS	Automatic	Automatic Test Equipment	ment								
COST		О	Years		FY 1995			FY 1996	_		FY 1997			FY 1998		_	FY 1999		
CODE	Element of Cost	[1]	Total Cost	Oty	Unit Cost	t Total Cost	Qty	Unit Cost	t Total Cost	Qty	Unit Cost	Unit Cost Total Cost	Qty	Unit Cost	Total Cost	t Qty	Unit Cost	Total Cost	st
70000	70000 1. Maintenance Data Processing System Nonrecurring Cost Subtotal	∢				1	4	28	232 300 532	4	61	244 300 544		1	1		1	1	
	2. TPS Transition to CASS	⋖				62,943	N/A		54,191	N/A		47,091	N/A		46,143	N/A		33,835	ν.
	3. ILS	N/A				1,794			0			0			0				0
	4. Production Support	N/A				13,801			13,597			12,670			13,264			13,264	4
	5. ATE Modification	N/A				7,624			1,563			500			0				0
	Grand Total				'	86,162		28	69,883		61	60,805		•	59,407		•	47,099	6
	DD FORM 2446, JUN 86				P-1	-1 Shopping List	List	Page No:	4						CLASSIFICATION UNCLASSIFIED	CATION			

	CLASSIFICATION: UNCLASSIFIED Weapon System Cost Analysis P-5														
	Appropriation/Budget Activity								ID Code	P-1 Item Nomenclature	enclatu	re		Date: February 1998	86
	Aircraft Procurement, Navy BA-7								1	Common Ground Equipment - 47C2 Automatic Test Equipment	und Eq :t Equip	uipment - 47C	ž,		
							(Total cost in thousands of dollars)	onsand						To	c
COST			FY 2000			FY 2001		Ξ.	FY 2002		_	FY 2003		Complete	Total
CODE	Element of Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost (Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Cost	Cost
70000	70000 2. TPS Transition to CASS	N/A		56,411			42,793			42,834			44,372	Cont'd	Cont'd
	3. ILS			1			1			1			ı	Cont'd	Cont'd
	4. Production Support			13,500			13,200			13,200			13,200	Cont'd	Cont'd
	5. ATE Modification						1		,				1	Cont'd	Cont'd
	Grand Total			69,911			55,993			56,034			57,572	Cont'd	Cont'd
	DD FORM 2446, JUN 86			P-1 Shopping List	ist			1			·	CLASSIFICATION:	TION:		
			Item No.	20	_		Page No	2				UNCLASSIFIED	ED		

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			BUDGET HI			ING EXHIBIT				
B. APPROPRIATION / BUDGET ACTI	KATAN:			<u> </u>	P-5A	I NOMENCLATURE		D . E1 .	1000	
	VIIY					GROUND EQUIPMENT - 47C2		Date: February	1998	
Aircraft Procurement, Navy BA-7						IC TEST EQUIPMENT - 4/C2				
		UNIT		<u> </u>	CONTRACT	CONTRACTOR/		DATE OF	Specs	Date
COST ELEMENT/	QTY	COST	LOCATION OF	RFP ISSUE	METHOD	LOCATION	AWARD	FIRST	Avail now	Revision
FISCAL YEAR	QII	(\$K)	PCO	DATE	& TYPE	City, State	DATE	DELIVERY	When?	Available
Maintenance Data Processing System										
FY-97	4	61.0	NAWCADLKE	N/A	PID	Hughes Corp	3/1/97	12/31/97	Yes	2/93
D.REMARKS:			l	l	l		<u> </u>	<u> </u>	l	<u> </u>

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CLASSIFICATION: UNCLASSIFIED

Exhibit P-20, Requirements	Study			PROPRIATION/ craft Procuremen		TIVITY		DATE:	ruary 1998
P-1 ITEM NOMENCLATURE				min Lead Time (aft	<u> </u>		Prod Leadtime :	1 00	ruary 1000
Common Ground Equipmer	ot - Automatic Test Equipm	ent	, tai		5 mo			10 mo	
Common Cround Equipmen	it - Automatic Test Equipm			<u> </u>	J 1110			101110	
Maintenance Data Processing	System	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		4	4						
Unit Cost		58	61						
Total Cost		532	544						
Asset Dynamics									
Beginning Asset Position		174	174	178					
Deliveries from all prior year fund	ding		4						
Deliveries from FY 1997 funding				4					
Deliveries from FY 1998 funding									
Deliveries from FY 1999 funding									
Deliveries from subsequent year	s' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions/	etc.								
End oy Year Asset Position		174	178	182					
Inventory Objective or Current A	uthorized Allowance	182	182	182					
Inventory Objective	Actual Training	Other than 7	raining	Disposals		Vehicles Eli	gible for	Aircraft:	
182	Expenditures	Usage		(Vehicles/Oth	ier)	FY 1998 Re	eplacement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thr	u	FY 1996 thru		Vehicles Eli	gible for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Re	eplacement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Aug	gment:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

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CLASSIFICATION: UNCLASSIFIED	SSIFIED												
					BUDGE	T ITEM JUST	BUDGET ITEM JUSTIFICATION SHEET	EET					
						P-40	0						
APPROPRIATION / BUDGET ACTIVITY	T ACTIVITY					P-1 ITEM NON	P-1 ITEM NOMENCLATURE				DATE: February 1998	1998	
						COMMON GR	OUND SUPPOR	COMMON GROUND SUPPORT EQUIPMENT(47C2)	f7C2)				
AIRCRAFT PROCUREMENT, NAVY/BA-7	T, NAVY/BA-7				,	A/C COMIMON	A/C COMMON SUPPORT EQUIPMENT	UIPMENT					
Program Element for Code B Item:	Item:					Other Related	Other Related Program Elements:	ıts:					
FISCAL YEARS	Prior	П	ID FY 1995	FY 1996	FY 1997	FY 1998	FY 1997 FY 1998 FY 1999	$\rm FY~2000$	FY 2001	FY 2002	FY 2003	To	Total
	Years	Code										Complete	
Quantity													
Cost (In millions)	*		\$ 31.552	∽	\$ 24.701	\$ 17.10	\$ 29.573	39.952 \$ 24.701 \$ 17.10 \$ 29.573 \$ 19.284 \$ 13.0 \$ 13.629 \$ 15.318 Cont'd Cont'd	\$ 13.0	\$ 13.629	\$ 15.318	Cont'd	Cont'd

General Program Description

maintenance of aircraft and their systems. Examples of SE items acquired under this budget line item include aircraft propulsion test systems, mobile air conditioners and generators and aircraft handling equipment. This budget sub-line provides for the acquisition of Support Equipment (SE) end items under the inventory and technical management of NAVAIR. These SE end items are required for ground testing, handling, and

A comprehensive acquisition plan has been developed for each SE end item to: (1) ensure that the equipment is ready for procurement early in the budget year; (2) determine the specific type of procurement action to be initiated (multi-year, etc.); (3) verify the inventory objective, and (4) ensure the consideration of required integrated logistic support elements.

The Aircraft Ground SE Requirements List provided is the minimum constrained list of requirements. SE acquisition and inventory managers have thoroughly scrubbed this list to ensure the inequirements to ensure that highest priority Fleet meintenance personnel have participated in the determination of requirements to ensure that highest priority Fleet needs are identified.

The SE which will be procured to meet operational requirements falls into one of the following categories:

- a. SE which is the direct result of a RDT&E effort (those items required to support advanced aircraft systems.)
- b. SE required in additional quantities to meet outfitting shortages.
- c. Improved versions of current SE required to support expanded airborne equipment capabilities or advanced airborne equipment (electrical servicing equipment, ground air conditioners, etc.)
- d. Major modifications of existing SE (e.g., Mid Range Tow Tractor Update)
- e. SE required to improve the capability of the Fleet and/or to improve safety (aircraft towing equipment, non-destructive inspection equipment, etc.)
- f. Priority procurements as identified by Fleet activities.

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

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BUDGET ITEM JUSTIFIC	ATION S	SHEET FO	R AGGREGA	TED ITEMS						DATE:	February 199	8	
P-40a								T=					
APPROPRIATION/BUDGET AC								P-1 ITEM NOM					
Aircraft Procurement, Na	vy/BA-7							COMMON GF	ROUND EQUI	PMENT - A	C COMON S	SUPPORT EQU	IIP
Procurement Items	ID Code	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total
#2 Hyd Stand Replace	A		1 1 1000	1 1 1000				2000	2001	2002	2000	Complete	
Qty				30	30								64
Cost			429	5,680	5,677								15,746
#3 Mid Range Tractor Ship	A												
Qty			4	95	24								285
Cost			275	6,113	1,563								19,844
#4 LACIS	A												
Qty						0	42					42	84
Cost			288			-	2,025					2,025	4,338
#5 Vibration Test Set ECP	Α												
Qty						24	137	185	100	100	100	100	746
Cost						1,240	1,240	1,684	910	910	910	910	7,804
#8 Floodlight Set	Α												
Qty				150		62	150	150				88	600
Cost				2,400		1,000	2,400	2,400				1,400	9,600
#9 NC-2 CILOP													
Qty			4		33	37						19	93
Cost			1,593		1,752	2,000						1,000	6,345
#11 Std Eng Test Set													
Qty		•					3		4	4	5	58	80
Cost							3,000	6,000	4,000	4,000	5,000	58,000	80,000
#12 A/C & Liquid Oxygen Con	Α												
Qty				200									200
Cost				1,427									1,247
Subtotal			\$ 2,585	\$ 15,620	\$ 8,992	\$ 4,240	\$ 8,665	\$ 10,084	\$ 4,910	\$ 4,910	\$ 5,910	Cont'd	Cont'd
						D-1 SHODDIN	IC LICT	l	CL ASSIFICAT	LON.	l .		

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BUDGET ITEM JUSTIFICA	ATION	SHEET FO	R AGGRE	SATED ITEMS	i					DATE:	February 1998		
P-40a APPROPRIATION/BUDGET AC	TIVITV							P-1 ITEM NON	MENIOL ATLIDE				
Aircraft Procurement, Na	vy/BA-7							COMMON G	ROUND EQUI	PMENT - A/C	COMMON SU	IPPORT EQUIP	•
	ID	Prior										То	
Procurement Items	Code	Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
PAGE 2													
FORWARDED			2,58	5 15,620	8,992	4,240	8,665	10,084	4,910	4,910	5,910	58,000	
#13 Generator Test Stand T-15	Α												
Qty						9	23					1	33
Cost						1,800	4,600					200	6,600
# 14 Spectrometer	Α												
Qty			2	5 25									50
Cost			1,37	2 1,140									2,512
#15 NOAP	Α												
Qty							28					22	50
Cost							411	1				309	720

#16 Coolant Recycler Qty	Α			2									22
Cost			22										222
Cost	+		22	2									222
#17 Tank Storage	Α												
Qty					45								45
Cost					258								258
#18 Hanger Deck Crane	Α												
Qty				114			0					87	289
Cost				1,296			-	1,003				993	3,292
#19 Particle Counter	А												
Qty			1										101
Cost			12	0 733									936
SUBTOTAL			\$ 4,29	9 \$ 18,789	\$ 9,250	\$ 6,040	\$ 13,676	\$ 11,087	\$ 4,910	\$ 4,910	\$ 5,910	Cont'd	\$ 14,540

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BUDGET ITEM JUSTIFIC	CATION	SHEET F	OR AGGRE	GATED ITEN	IS					DATE:	February 1998		
P-40a													
APPROPRIATION/BUDGET A	ACTIVITY							P-1 ITEM NON	MENCLATURE				
Aircraft Procurement, N	lavy/BA	۱-7											
	ID	Prior										To	
Procurement Items	Code	Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
PAGE 3													
FORWARDED			4,299	18,789	9,250	6,040	13,676	11,087	4,910	4,910	5,910		
#20 Crash Crane ECP	A												
Qty				28									28
Cost			256	4,703									4,959
#21 X-ray Apparatus RAD	A												
Qty					52								52
Cost					785								785
# 23 Fuel Cell & Vent Repair	A												
Qty	- '`-			300									300
Cost				1,659									1,659
#24 O Level Eng Test Sys	A												
Qty				50				24					74
Cost				340				200					540
# 25 Load Bank	Α												
Qty				32									32
Cost				143									143
# 26 Shorebased Deicer	Α												
Qty					25								25
Cost					2,685								2,685
#27 Parts Washer, Large	Α												
Qty			65	61									126
Cost			631	584									1,215
SUBTOTAL			\$ 5,186	\$ 26,218	\$ 12,720	\$ 6,040	\$ 13,676	\$ 11,287	\$ 4,910	\$ 4,910	\$ 5,910	Cont'd	Cont'd
	1		\$ 5,100	20,210	Ţ 12,120	\$ 0,040	10,070	Ţ,207	4,310	4,510	5,510	33 u	

P-1 SHOPPING LIST CLASSIFICATION:
DD Form 2454, JUN 86 ITEM NO. 50 PAGE NO. 11

UNCLASSIFIED

DD Form 2454, JUN 86

UNCLASSIFIED

FIFICATION SHEET FOR	AGGRE	GATED I	ГЕМЅ							DATE:	February 1998		
P-40a													
APPROPRIATION/BUDGET A	CTIVITY							P-1 ITEM NON	MENCLATURE				
Aircraft Procurement, Na	avy/BA-	7						COMMON G	ROUND EQUI	PMENT - A/C	COMMON SU	PPORT EQUIP	•
	ID	Prior										То	
Procurement Items	Code	Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
PAGE 4													
FORWARDED			5,186	26,218	12,720	6,040	13,676	11,287	4,910	4,910	5,910		99,727
#28 Ultrasonic Unit, NDI	Α												
Qty				241									241
Cost				955									955
#29 Expeditionary 02/N2 Gen/Rec	harger												
Qty							12						
Cost							7,037						
Advanced Boresight Equip	В												
Qty										10	10	40	60
Cost										3,100	3,100	12,400	18,600
Battery Analyzer	В												
Qty									70				70
Cost									908				908
Low Emmision Diesel Eng	В												
Qty										1			
Cost										259		TBD	
Frequency Converter	В												
Qty											2		
Cost											200	TBD	
A/N Gen Purpose Eng T.S.	В		<u> </u>										
Qty											2		
Cost											383	TBD	
Universal STS	В												
Qty											1		
Cost	\bot										500	TBD	
SUBTOTAL			5,186	27,173	12,720	6,040	20,713	11,287	5,818	8,269	10,093	Cont'd	Cont'o
OTHER COST			26,366	12,779	11,981	11,060	8,860	7,997	7,182	5,360	3,425	Cont'd	Cont'e
TOTAL			\$ 31,552	\$ 39,952	\$ 24,701	\$ 17,100	\$ 29,573	\$ 19,284	\$ 13,000	\$ 13,629	\$ 13,518	Cont'd	Cont'd

P-1 SHOPPING LIST CLASSIFICATION:

ITEM NO. 50 PAGE NO. 12

Appropriati AIRCRAFI COST	Appropriation/Budget Activity		Ç															
AIRCRAFT COST CODE								I	ID Code		P-1 Item Nomenclature	nenclature					DATE: F	February 1998
COST	AIRCRAFT PROCUREMENT, NAVY/BA-7										COMMON (COMMON GROUND EQUIPMENT (47C2) A/C COMMON SUPPORT EQUIPMENT	PMENT (4	17C2) VT				
COST			Prior			-						(Total cost in thousands of dollars)	sands of do	llars)		_		
CODE		А	Years		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
	Element of Cost	CODE	Total Cost	Qty	Unit Cost	Total Cost	Oty	Unit cost	Total Cost	Qty	Unit cost	Total Cost	Qtà	Unit cost	Total Cost	Qtà	Unit cost	Total Cost
70400 1. TI	I. TEST CELL FABRICATION	<				2,400			2,400			2,400			2,400			2,400
2. 田	2. HCT STAND REPLACEMENT	<				429	30	189.3	5,680	30	189.3	5,677						
3. M	3. MID RANGE TRACTOR, SHIP	<		4	68.7	275	95	64.3	6,113	3 24	65	1,563						
4. LACIS	CIS	<				288										42	48.2	2,025
5. V. (RD	5. VIBRATION TEST SET ECP Non-recurring cost ILS (RDT&E,N - P.E. 0205633N, W0601)	∢											24	9.1	218	137	9.1	1,240
6. 11	6. ILS AIRFRAMES	∢				1,260			43			445	15		445			200
D FORM 24	 DD FORM 2446, JUN 86				Item No.	P-1 S	P-1 Shopping List 50		Page No:	13					CLASSIFICATION: UNCLASSIFIED	— ä a		

	Weapon System Cost Analysis P-5	ysis																	
Appropr	Appropriation/Budget Activity								ID Code		P-1 Item COMMO	P-1 Item Nomenclature COMMON GROUND EOUIPMENT (47C2)	UIPMEND	r (47C2)			1	DATE: Fet	February 1998
AIRCRA	AIRCRAFT PROCUREMENT, NAVY/BA-7										A/C COM	A/C COMMON SUPPORT EQUIPMENT	r equipa	MENT					
			Prior				_			_	(Tota	(Total cost in thousands of dollars)	s of dollar.			_			
CODE	Floment of Cost	D E	Years	, it	FY 1995	Total Cost	Ì	FY 1996	Total Cost	Ě	FY 1997	Total Cost		FY 1998	-	Total Cost	È	FY 1999	Total Cost
CODE	Tachicht of Cost	CODE	Total Cost	ŝ	CIII COS	Total Cost	ŝ	CIIII COSI	Total Cost	3						TORILCOSE		OIIII COSI	Total Cost
70400 7	7. CSE MODIFICATION	<	_			931						1,	1,030			445			200
	8. FLOODLIGHT SET	∢					150	16	2,400	0			9		91	1,000	150	16	2,400
6	9. NC2-CILOP	∢		4	398	1,593				33	53.1		1,752 3	37	54.1	2,000			
-	10. EQUIPMENT INSTALLATION	<				631			1,093	33			813			006			400
-	II. STANDARD ENGINE TEST SYSTEM	4															т	1,000	3,000
T	12. AIRCRAFT AND LIQUID OXYGEN CONVE	∢					200	7.1	1,427	72									
1	13. GENERATOR TEST STAND T-15	V												6	200	1,800	23	200	4,600
DD FORM 2446, JUN 86	6,1UN 86							Item No.	P-1 Shopping List 50	# O		Page No:		14	CLA	CLASSIFICATION: UNCLASSIFIED			

DCode DCode DCODE CODE Total Cost DC DCode DCODE CODE Total Cost DCode	P-5																	
The control of the	Appropriation/Budget Activity								ID Code		P-1 Item Nom	enclature					DATE: Fel	oruary 1998
Figure 1 of Cot											COMMON G	ROUND EQUIPM	ENT (47C2)					
Element of Coordinate	AIRCRAFT FROCUREMENT, NAVY/BA-/		Prior								A/C COMINIO	(Total cost in thous	ands of dolla	(5.				
Ediment of Cost Cos	COST	Э			FY 1995			FY 1996			FY 1997		-	Y 1998		_	FY 1999	
CUROMETER A 22 10.00 222 45.6 1.1440 AN SETURACIONE AN ANTHRANATUS.RAD AN ANTHRANA	[7]	COD		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost		Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
ANTERCYCLER A 22 160 222 4.5 5.7 2.86 5.7 2.86 1.47 1.296 4.5 5.7 2.88 1.680 4.703 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5		A		25	54.9	1,372	25	45.6	1,140									
OLANIT RECYCLER A 22 10.0 222 10.0 222 45 5.7 238 NGER DECK CRANE A I.14 II.4 II.4 II.4 II.4 II.4 2.5 2.8 STICLE COUNTER A I.4 8.6 I.20 85 8.6 7.33 7.33 7.83 SSH CRANE ECP A A A A.703 A.704	15. NOAP (NVIFLASH TEST SET)	<																4
NGER DECK CRANE A 14 8.6 120 8.5 8.6 120 8.5 8.6 4.703 8.73 8.6 4.703 8.73	16. COOLANT RECYCLER	<		22	10.0	222												
NGER DECK CRANE A 14 8.6 120 85 86 733 A 4.703 A AAPPARATUS, RAD A PISHOPING List Pare No. 15 114 114 114 11296 1150 85 86 87 86 1680 4.703 15.1 785 1680 781 785	17. TANK STORAGE	4								54	5.7	258						
ASH CRANE ECP AA APPARATUS, RAD AA PLISHOPHING LIST BENDALL STAND ABOUT THE STAND ABOUT THE NAME AND THE NAME AND THE STAND ABOUT THE NAME AND THE STAND ABOUT THE NAME AND THE NAME AND THE STAND THE	18. HANGER DECK CRANE	<					114	11.4	1,296									
ASH CRANE ECP A 4,703 168.0 4,703 785	19. PARTICLE COUNTER	∢		41	8.6	120	85	8.6	733									
A A PPARATUS, RAD A PLISHOPPING List P-1 Shopping List FOR PARE NO. 15 15.1 785	20. CRASH CRANE ECP	<				256	28	168.0	4,703									
Item No. Is Page No. 15	21. X-RAY APPARATUS, RAD	A								52	15.1	785						
P-1 Shopping List Page No. 15																		
	DD FORM 3446, JUN 86				Item No.	P-1 Shopping 1	ist		Page No:	15					CLASSIFICATIOI UNCLASSIFIEI	<u>۔</u> خ		

CLAS	CLASSIFICATION: UNCLASSIFIED																	
	Weapon System Cost Analysis P-5	lysis																
Appro	Appropriation/Budget Activity								ID Code	P:1	P-1 Item Nomenclature	clature				DATE	DATE: February 1998	y 1998
AIRCR	AIRCRAFT PROCUREMENT, NAVY/BA-7									ප දි	MIMON GRC	COMMON GROUND EQUIPMENT A/C COMMON SUPPORT EQUIPMENT	IENT UIPMENT					
TSOC	,	E	Prior		EV 1005			TV 1006	_	EV.	(T)	Fotal cost in thou	(Total cost in thousands of dollars)		-	EV 1000	0	
CODE	Element of Cost	CODE	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost C	Oty L	Unit Cost	Total Cost	Qty Unit Cost	ost Total Cost		Qty Unit Cost	ıst	Total Cost
70400	22. PRIOR YEAR ISSUES								492									
	23. FUEL CELL & VENTILATING REPAIR	∢					300	5.5	1,659									
	24. O LEVEL ENGINE TEST SYSTEM	Ą					50	8.9	340									
	25. LOAD BANK	∢					32	4.5	143									
	26. SHORE BASED DEICER	4								25	107.4	2,685						
	27. PARTS WASHER , LARGE	<		65	9.7	631	19	9.5	284									
	28. ULTRASONIC UNIT, NDI	4					241	4.0	955									
	29. EXPEDITIONARY 02/N2 GENERATOR/RECHAI	4														12 609.0	0.	7,037
	29. PRODUCTION SUPPORT					8,419			8,751			7,293			6,870			5,660
	OTHER COSTS					22,502												
	GRAND TOTAL					31,552			39,952			24,701			17,100			29,573
D FORM 24	D FORM 2446, JUN 86				1	P-1 Shopping List	1						-	CLASSIF	CLASSIFICATION:			
					Item	Item No.	20	Page No:	16					UNCLA	UNCLASSIFIED			

Appropriation/F	P-5														
IRCRAFT PRO	Appropriation/Budget Activity					I	ID Code		P-1 Item Nomenclature	clature				DATE: February 1998	8661
	AIRCRAFT PROCUREMENT, NAVY/BA-7								COMMON GROA/	COMMON GROUND EQUIPMENT A/C COMMON SUPPORT EQUIPMENT	ONT				
TSO		_	FV 2000		-	EV 2001		_	(Total cost in tho	(Total cost in thousands of dollars)		FV 2003		To Complete	Total
CODE	Element of Cost	λĵ	Unit Cost	Total Cost	Oty O	Unit Cost	Total Cost	Ğ	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Costs	Costs
70400 TEST C	TEST CELL FABRICATION	N/A		2,170	N/A		2,400			2,400			2,400	00	
VIBRA	VIBRATION TEST SET	185	9.1	1,684	100	9.1	910	0 100	9.1	910	100	9.1	910	010 010	7,804
FLOOL	FLOODLIGHTS	150	16	2,400											
STDEN	STD ENG TEST SET	9	1,000	6,000	4	1,000	4,000	4	1,000	4,000	S	1,000	5,000	00 28,000	80,000
HANGI	HANGER DECK CRANE	88	11.4	1,003											3,292
"O" LE	O" LEVEL ENG TEST SET	24	8.3	200											540
ADVAÌ	ADVANCED BORESIGHT EQUIPMENT							10	310	3,100	10	310	3,100	00 12,400	18,600
BATTE	BATTERY ANALYZER				70	13	806	∞							
LOW E	LOW EMMISION DIESEL ENGINE							1	259	259					
FREQU	FREQUENCY CONVERTER										2	100	200	00	
A/N GE	A/N GEN PURPOSE ENG T.S.										2	191.5	383	33	
UNIVE	UNIVERSAL STS										-	200	200	00	
EQUIP	EQUIP INSTALLS			1,102			1,182	-2		637			530	000	
PRODU	PRODUCTION SUPPORT			6,895			6,000	-01	,	4,723			4,695		
ř	TOTAL			19,284			13,000	•		13,629			15,318	81	Cont'd
DD FORM 2446, JUN 86						Item No.	P-1 Shopping List	st (Page No:	17			CLASSIFICATION:	

BUDGET HISTORY AND PLANNING EXHIBIT P-5A

APPROPRIATION / BUDGET ACTIVIT					OMENCLATUR			Date: Febru	ary 1998	
AIRCRAFT PROCUREMENT, NAVY/BA	A- 7				OUND EQUIPMI SUPPORT EQU					
COST ELEMENT/ FISCAL YEAR	QTY	UNIT COST (\$K)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD &TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	Specs Avail now When?	Date Revision Available
2. HCT STAND REPLACEMENT FY 19973. MID RANGE TRACTOR, SHIP	30		NAWCADLKE		OPTION	DAYTON T BROWN, LI NY	1/97	10/98	YES	
FY 1997	24	65	NAWCADLKE			NADEP CHERRY PT	10/96	1/97	YES	
4. LACIS FY 1999	42	48.2	AF MIPR		C/FFP OPT	TBD	1/99	1/00	YES	
5. VIBRATION TEST SET ECP FY 1998 FY 1999	24 137	9.1 9.1	NAWCADLKE NAWCADLKE	N/A	C/FFP C/FFP OPT	TBD	4/98 1/99	1/99 1/00	YES YES	

REMARKS:

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P-1 Shopping List

Item No.

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UNCLASSIFIED

UNCLASSIFIED CLASSIFICATION: **BUDGET HISTORY AND PLANNING EXHIBIT** P-5A APPROPRIATION / BUDGET ACTIVITY C. P-1 ITEM NOMENCLATURE Date: February 1998 COMMON GROUND EQUIPMENT - 47C2 AIRCRAFT PROCUREMENT, NAVY/BA-7 A/C COMMON SUPPORT EQUIPMENT UNIT CONTRACT CONTRACTOR/ DATE OF Specs Date COST ELEMENT/ OTY COST LOCATION RFP ISSUE METHOD LOCATION AWARD FIRST Avail now Revision When? FISCAL YEAR (\$K) OF PCO DATE &TYPE City, State DATE DELIVERY Available 8. FLOODLIGHT SET FY 1998 62 AF MIPR OPTION DYNCORP, Solomons MD 1/98 1/99 YES 16.0 AF MIPR FY 1999 150 16.0 OPTION DYNCORP, Solomons MD 1/99 1/00 YES 9. NC2-CILOP FY 1997 33 53.1 NAWCADLKE N/A CILOP DYNCORP, Solomons MD 1/97 1/98 YES FY 1998 37 53.5 NAWCADLKE CILOP DYNCORP, Solomons MD 1/98 1/99 YES 11. STANDARD ENGINE TEST SYSTEM FY 1999 3 1000.0 NAWCADLKE 1998 C/FFP TBD 1/99 4/00 YES 13. GENERATOR TEST STAND T-15 FY 1998 9 200.0 NAWCADLKE 1997 C/FFP TBD 4/98 4/99 YES 23 NAWCADLKE C/FFP OPT TBD FY 1999 200.0 1/99 1/00 YES REMARKS:

DD FORM 2446-1, JUL 87 P-1 Shopping List CLASSIFICATION UNCLASSIFIED 50 19 Item No. Page No:

CLASSIFICATION: UNCLASSFIEID DGET HISTORY AND PLANNING EXHIBIT P-5A APPROPRIATION / BUDGET ACTIVITY C. P-1 ITEM NOMENCLATURE DATE: February 1998 COMMON GROUND EQUIPMENT - 47C2 AIRCRAFT PROCUREMENT, NAVY/BA-7 A/C COMMON SUPPORT EQUIPMENT UNIT CONTRACT CONTRACTOR/ DATE OF Date Specs COST ELEMENT/ QTY COST LOCATION RFP ISSUE METHOD LOCATION AWARD FIRST Avail now Revision FISCAL YEAR (\$K) OF PCO DATE &TYPE City, State DATE DELIVERY When? Available 15. NOAP (NVIFLASH TEST SET) FY 1999 28 14.7 NAWCADLKE 1997 C/FFP **TBD** 1/99 1/00 YES 17. TANK STORAGE 45 NAWCADLKE C/FFP TBD YES FY 1997 5.7 1997 9/97 6/98 21. X-RAY APPARATUS, RAD 52 C/FFP LORAD Danbury, CT YES FY 1997 15.1 ARMY MIPR N/A 2/97 1/98 26. SHORE BASED DEICER N/A FY 1997 25 NAWCADLKE C/FFP Landoll Corp., Marysville KS 2/97 2/98 YES 107.4 TBD 29. EXP 02/N2 GENERATOR/RECHARGER NAWCADLKE 10/99 C/FFP 4/00 YES 12 608.9 4/99 REMARKS:

DD FORM 2446-1, JUL 87 P-1 Shopping List CLASSIFICATION UNCLASSIFIED Item No. 20

50 Page No:

Exhibit P-20, Requiremer	its Study		API	PROPRIATION/BUI	OGET ACTIVITY			DATE:	
			AIR	CRAFT PROCUREM	ENT, NAVY BA-7			February 19	98
P-1 ITEM NOMENCLATURE			Admin Le	adtime (after Oct1):			Prod Leadtime :		
COMMON GROUND EQU	IPMENT - A/C COMMON SU	PPORT EQUI	PMENT		3 mo		1	9 mo	
Ibodoodio Orand Danisaana		EV 4000	E)/ 4007	F)/ 4000	F)/ 4000	EV 000	5)/ 0004	F)/ 0000	E)/ 0000
Hydraulic Stand Replaceme	ent	FY 1996	FY 1997	FY 1998	FY 1999	FY 200	0 FY 2001	FY 2002	FY 2003
Buy Summary		30	30						
Unit Cost		189	189						
Total Cost		5680	5677						
Asset Dynamics									
Beginning Asset Position		0	4	4	34				
Deliveries from all prior year f		4		30					
Deliveries from FY 1997 fund	0				30				
Deliveries from FY 1998 fund									
Deliveries from FY 1999 fund	0								
Deliveries from subsequent y	ears' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrition	ns/etc.								
End oy Year Asset Position		4	4	34	64				
Inventory Objective or Curren	t Authorized Allowance	64	64	64	64				
Inventory Objective	Actual Training	Other than	Training	Disposals		Vehicles Eli	gible for	Aircraft:	
64	Expenditures	Usage	Ü	(Vehicles/Other)		FY 1998 Re		TOAI:	
Assets Rgd For Combat	FY 1996 thru	FY 1996 th	ru	FY 1996 thru		Vehicles Eli	•	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Re		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Aug		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
	t.			-					

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EM NO. 50 PAGE NO. 21

DD Form 2454, JUN 86

Exhibit P-20, Requirement	ts Study		Al	PPROPRIATION/BU	JDGET ACTIVIT	Υ	DAT	E:	
			AI	RCRAFT PROCURE	MENT, NAVY BA-	7		February 199	98
P-1 ITEM NOMENCLATURE			Admin Le	adtime (after Oct1):		Prod	Leadtime :		
COMMON GROUND EQUI	PMENT - A/C COMMON S	SUPPORT EQUIPME	NT		1 mo		3 m	10	
Mid Range Tractor, Ship		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		95	24						
Unit Cost		64	65						
Total Cost		6113	1563						
Asset Dynamics									
Beginning Asset Position		136	216						
Deliveries from all prior year fu	ınding	80	45						
Deliveries from FY 1997 fundir			24						
Deliveries from FY 1998 fundir	ng								
Deliveries from FY 1999 fundir	ng								
Deliveries from subsequent ye	ars' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrition	ns/etc.								
End oy Year Asset Position		216	285						
Inventory Objective or Current		285	285						
Inventory Objective	Actual Training	Other than Trai	ning	Disposals		Vehicles Eligible		Aircraft:	
285	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replac		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replac		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

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UNCLASSIFIED CLASSIFICATION:

Exhibit P-20, Requirement	s Study		API	PROPRIATION/BUI	DGET ACTIVITY	,	DAT	ΓE:	
	-		AIR	CRAFT PROCUREM	ENT, NAVY BA-7			February 19	98
P-1 ITEM NOMENCLATURE			Admin Le	adtime (after Oct1):		Prod	Leadtime :	-	
COMMON GROUND EQUI	PMENT - A/C COMMON S	UPPORT EQUIPME	NT		3 mo		12 :	mo	
LACIS		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary					42				
Unit Cost					48				
Total Cost					2025				
Asset Dynamics									
Beginning Asset Position						0			
Deliveries from all prior year fu	nding								
Deliveries from FY 1997 fundir	ıg								
Deliveries from FY 1998 fundir	ig								
Deliveries from FY 1999 fundir	ig					42			
Deliveries from subsequent year	ars' funding								
Other Gains	<u>-</u>								
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrition	s/etc.								
End oy Year Asset Position		0	0	0	0	42			
Inventory Objective or Current	Authorized Allowance	84	84	84	84	84			
Inventory Objective	Actual Training	Other than Training	ng	Disposals	•	Vehicles Eligible	for	Aircraft:	
86	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replace	ement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible	for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replace	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									
				D 4 01 10 DDIN 0 1			01.4001510		

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Exhibit P-20, Requiremen	ts Study		AP	PROPRIATION/BUI	OGET ACTIVITY	,		DATE:	
			AIF	CRAFT PROCUREM	ENT, NAVY BA-7			February	1998
P-1 ITEM NOMENCLATURE			Admin Le	eadtime (after Oct1):			Prod Leadtime	:	
COMMON GROUND EQU	PMENT - A/C COMMON SU	IPPORT EQUIPMENT			3 mo			12 mo	
Vibration Test Set ECP		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				24	137	185	100	100	100
Unit Cost				9	9	9	9	9	9
Total Cost				216	1240	1684	910	910	910
Asset Dynamics				-					
Beginning Asset Position	0					18	127	346	446
Deliveries from all prior year for	unding 0								
Deliveries from FY 1997 fundi									
Deliveries from FY 1998 fundi					18	6			
Deliveries from FY 1999 fundi	ng					103	34		
Deliveries from subsequent ye	ears' funding						185	100	100
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritio	ns/etc.								
End oy Year Asset Position					18	127	346	446	546
Inventory Objective or Current					746	746	746	746	746
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Elig		Aircraft:	
746	Expenditures	Usage		(Vehicles/Other)		FY 1998 Rep		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Elig		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Rep		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augn	nent:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	

P-1 SHOPPING LIST CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 50 PAGE NO. 24

DD Form 2454, JUN 86

Exhibit P-20, Requiremen	nts Study			APPROPRIAT	ION/BUDGET	ACTIVITY		DATE:	
				AIRCRAFT PRO	OCUREMENT, N	IAVY BA-7		February 19	98
P-1 ITEM NOMENCLATURE			Admir	Leadtime (after	r Oct1):	F	Prod Leadtime	:	
COMMON GROUND EQU	IPMENT - A/C COMMON S	UPPORT EQUIP	MENT		3 mo			12 mo	
Floodlight Set		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		150		62	150	150			
Unit Cost		16		16	16	16			
Total Cost		2400		1000	2400	2400			
Asset Dynamics									
Beginning Asset Position	0			50	150	212	362		
Deliveries from all prior year	funding		50	100					
Deliveries from FY 1997 fund	ling								
Deliveries from FY 1998 fund	ling				62				
Deliveries from FY 1999 fund	ling					150			
Deliveries from subsequent y	ears' funding						150		
Other Gains	-								
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrition	ons/etc.								
End oy Year Asset Position	1		50	150	212	362	512		
Inventory Objective or Currer	nt Authorized Allowance	600	600	600	600	600	600		
Inventory Objective	Actual Training	Other than Tra	aining	Disposals		Vehicles Eligi	ble for	Aircraft:	
600	Expenditures	Usage	-	(Vehicles/Oth	er)	FY 1998 Rep		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligi	ble for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Rep	lacement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augm	nent:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:						•			

P-1 SHOPPING LIST

CLASSIFICATION:

ITEM NO. 50 PAGE NO. 25

	Study			APPROPRIATION			DA	ATE:	
				AIRCRAFT PROCU				February 19	98
P-1 ITEM NOMENCLATURE			Admin L	eadtime (after Oct1):	P	rod Leadtime :		
COMMON GROUND EQUIP	MENT - A/C COMMON S	UPPORT EQUIP	MENT		3 mo			12 mo	
NC-2 CILOP		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary			33	37					
Unit Cost			53	53					
Total Cost			1752	2000					
Asset Dynamics									
Beginning Asset Position			4	4	20	55			
Deliveries from all prior year fur	nding	4							
Deliveries from FY 1997 funding				16	17				
Deliveries from FY 1998 funding	g				18	19			
Deliveries from FY 1999 funding	g								
Deliveries from subsequent yea	rs' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions	s/etc.								
End oy Year Asset Position		4	4	20	55	74			
Inventory Objective or Current A		93	93	93	93	93			
Inventory Objective	Actual Training	Other than T	raining	Disposals		Vehicles Eligi		Aircraft:	
93	Expenditures	Usage		(Vehicles/Other)		FY 1998 Repl		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru	J	FY 1996 thru		Vehicles Eligi		PAA:	
_oads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Repl		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augm	ient:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
Other: TOTAL:								Storage:	

P-1 SHOPPING LIST CLASSIFICATION: ITEM NO. 50 PAGE NO. 26

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3 mo FY 1999 3 1000 3000	FY 2000 6 . 1000 6000	d Leadtime : FY 2001 4 1000 4000 3	February 1998 15 mo FY 2002 4 1000 4000 9	FY 2003 5 1000 5000
FY 1999 3 1000	FY 2000 6 . 1000 6000	FY 2001 4 1000 4000	FY 2002 4 1000 4000	5 1000 5000
FY 1999 3 1000	6 . 1000 6000	4 1000 4000	FY 2002 4 1000 4000	5 1000 5000
3 1000	6 . 1000 6000	4 1000 4000	4 1000 4000 9	5 1000 5000
3 1000	6 . 1000 6000	4 1000 4000	4 1000 4000 9	5 1000 5000
1000	1000 6000	3	9	1000 5000
	6000	3	9	5000 13
3000		3	9	13
	3			
	3			
	3	6	4	4
	3	6	4	4
	3	6	4	4
	3	6	4	4
		6	4	4
	3	9	13	17
	80	80	80	80
	ehicles Eligible for		Aircraft:	
	Y 1998 Replaceme	ent:	TOAI:	
		ent:		
V	/ehicle Augment:			
			Storage:	
	\ F	Vehicles Eligible for	Vehicles Eligible for FY 1999 Replacement:	Vehicles Eligible for PAA: FY 1999 Replacement: TAI

P-1 SHOPPING LIST CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 50 PAGE NO. 27

DD Form 2454, JUN 86

Exhibit P-20, Requiremen	ts Study		1	APPROPRIATION/BUD	GET ACTIVITY			DATE:	
				AIRCRAFT PROCUREME	NT, NAVY BA-7			February 19	998
P-1 ITEM NOMENCLATURE			Admin	Leadtime (after Oct1):		Pro	d Leadtime :		
COMMON GROUND EQU	IPMENT - A/C COMMON	SUPPORT EQUIPMENT			3 mo			12 mo	
Generator Test Stand T-15		FY 1996	FY 1997	7 FY 1998	FY 1999	FY 2000	FY 200	1 FY 2002	FY 2003
Buy Summary				9	23				
Unit Cost				200	200				
Total Cost				1850	4600				
Asset Dynamics									
Beginning Asset Position						6	26		
Deliveries from all prior year fu									
Deliveries from FY 1997 fundi									
Deliveries from FY 1998 fundi					6	3			
Deliveries from FY 1999 fundi						17	6		
Deliveries from subsequent ye	ears' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrition									
End oy Year Asset Position					6	26	32		
Inventory Objective or Current					33	33	33		
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligibl		Aircraft:	
33	Expenditures	Usage		(Vehicles/Other)		FY 1998 Repla		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligibl		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Repla		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augme	nt:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL: Remarks:								Storage:	
Remarks:									

P-1 SHOPPING LIST CLASSIFICATION: ITEM NO. 50 PAGE NO. 28

DD Form 2454, JUN 86

Exhibit P-20, Requirement	nts Study		API	PROPRIATION/BUI	DGET ACTIVITY		DA	ΓE:	
			AIR	CRAFT PROCUREM	ENT, NAVY BA-7			February 19	98
P-1 ITEM NOMENCLATURE			Admin Le	adtime (after Oct1):		Prod	Leadtime :		
COMMON GROUND EQU	JIPMENT - A/C COMMON SU	JPPORT EQUIPMENT	Г		3 mo		12	mo	
		-14							
NOAP		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary					28				
Unit Cost					14				
Total Cost					411				
Asset Dynamics									
Beginning Asset Position	0								
Deliveries from all prior year									
Deliveries from FY 1997 fund									
Deliveries from FY 1998 fund									
Deliveries from FY 1999 fund						28			
Deliveries from subsequent y	rears' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrition	ons/etc.								
End oy Year Asset Position	1					28			
Inventory Objective or Currer	nt Authorized Allowance					50			
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligible	for	Aircraft:	
50	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replac	ement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible	for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replac	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

P-1 SHOPPING LIST CLASSIFICATION
ITEM NO. 50 PAGE NO. 29

Exhibit P-20, Requirements	Study		F	APPROPRIATION/BUD	GET ACTIVITY			DATE:	
			1	AIRCRAFT PROCUREME	NT, NAVY BA-7			February 19	98
P-1 ITEM NOMENCLATURE			Admin	Leadtime (after Oct1):		P	rod Leadtime :		
COMMON GROUND EQUIP	MENT - A/C COMMON SUP	PORT EQUIPMENT	•		9 mo			12 mo	
								-	
Tank Storage		FY 1996	FY 1997	Y FY 1998	FY 1999	FY 2000	FY 200	1 FY 2002	FY 2003
Buy Summary			45						
Unit Cost			6						
Total Cost			258						
Asset Dynamics									
Beginning Asset Position									
Deliveries from all prior year fun	ding								
Deliveries from FY 1997 funding				45					
Deliveries from FY 1998 funding)								
Deliveries from FY 1999 funding									
Deliveries from subsequent yea	rs' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions	s/etc.								
End oy Year Asset Position				45					
Inventory Objective or Current A				45					
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligi		Aircraft:	
45	Expenditures	Usage		(Vehicles/Other)		FY 1998 Rep		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligi		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Rep		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augm	ent:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

P-1 SHOPPING LIST CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 50 PAGE NO. 30

Exhibit P-20, Requireme	nts Study			APPROPRIATI	ON/BUDGET	ACTIVITY		DATE:	
				AIRCRAFT PRO	CUREMENT, N	IAVY BA-7		February 19	98
P-1 ITEM NOMENCLATURE			Admin	Leadtime (after	Oct1):	P	rod Leadtime	:	
COMMON GROUND EQL	JIPMENT - A/C COMMON	SUPPORT EQUIP	MENT		3 mo		<u> </u>	12 mo	1
Hanger Deck Crane		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		114				88			
Unit Cost		11				11			
Total Cost		1296				1003			
Asset Dynamics									
Beginning Asset Position				50	114	114	114		
Deliveries from all prior year	funding		50	64					
Deliveries from FY 1997 fund	ding								
Deliveries from FY 1998 fund	ding								
Deliveries from FY 1999 fund	ding					0	0		
Deliveries from subsequent y	ears' funding						88		
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attriti									
End oy Year Asset Position			50	114	114	114	202		
Inventory Objective or Curre			289	289	289	289	289		
Inventory Objective	Actual Training	Other than Tra	aining	Disposals		Vehicles Eligib		Aircraft:	
289	Expenditures	Usage		(Vehicles/Oth	er)	FY 1998 Repl		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligib		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Repl		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augm	ent:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL: Remarks:								Storage:	

P-1 SHOPPING LIST
ITEM NO. 50 PAGE NO. 31

CLASSIFICATION:

Exhibit P-20, Requireme	ents Study		API	PROPRIATION/BU	DGET ACTIVITY	1	DA [*]	ΓE:	
_			AIR	CRAFT PROCUREM	IENT, NAVY BA-7	•		February 1998	
P-1 ITEM NOMENCLATURE	=		Admin Le	adtime (after Oct1)	:	Prod	Leadtime :		
COMMON GROUND EQU	UIPMENT - A/C COMMON S	SUPPORT EQUIPMEN	JT	,	4 mo		11	mo	
X-ray Apparatus RAD		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary			52						
Unit Cost			15						
Total Cost			785						
Asset Dynamics									
Beginning Asset Position					30				
Deliveries from all prior year	funding								
Deliveries from FY 1997 fund				30	22				
Deliveries from FY 1998 fund	ding								
Deliveries from FY 1999 fund	ding								
Deliveries from subsequent	years' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attriti									
End oy Year Asset Position				30	52				
Inventory Objective or Curre				52	52				
Inventory Objective	Actual Training	Other than Training	g	Disposals		Vehicles Eligible		Aircraft:	
52	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replace		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replace		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

P-1 SHOPPING LIST CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 50 PAGE NO. 32

Exhibit P-20, Requiremen	ts Study		APF	PROPRIATION/BUD	OGET ACTIVITY	•	D	ATE:	!
			AIR	CRAFT PROCUREMI	ENT, NAVY BA-7			February 19	98
P-1 ITEM NOMENCLATURE			Admin Le	adtime (after Oct1):		Prod	Leadtime :		
COMMON GROUND EQU	PMENT - A/C COMMON SUF	PORT EQUIPMENT	r I		4 mo		1:	2 mo	!
Shorebased Deicer		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary			25						
Unit Cost			107						
Total Cost			2685						
Asset Dynamics									
Beginning Asset Position					20				
Deliveries from all prior year fu	ınding								
Deliveries from FY 1997 fundi	ng			20	5				
Deliveries from FY 1998 fundi	ng								
Deliveries from FY 1999 fundi	ng								
Deliveries from subsequent ye	ars' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrition	ns/etc.								
End oy Year Asset Position				20	25				
Inventory Objective or Current		25	25	25	25				
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligible		Aircraft:	!
25	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replace		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replac		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									
									!
									!
									!
									!

P-1 SHOPPING LIST CLASSIFICATION: ITEM NO. 50 PAGE NO. 33

DD Form 2454, JUN 86 ITEM NO. 50 PAGE NO. 33 UNCLASSIFIED

Exhibit P-20, Requireme	ents Study		AP	PROPRIATION/E	BUDGET ACTIVIT	Υ		DATE:	
	•		AIR	CRAFT PROCUR	EMENT, NAVY BA	\-7		February 1	1998
P-1 ITEM NOMENCLATUR	RE		Admin L	eadtime (after Od	ct1):		Prod Leadtime	:	
COMMON GROUND EQ	UIPMENT - A/C COMMO	N SUPPORT E	QUIPMENT	•	•				
Expeditionary 02/N2 Gene	erator/Recharger	FY 1996	FY 1997	FY 1998	FY 1999	FY 200	00 FY 200	1 FY 2002	FY 2003
Buy Summary					12				
Unit Cost					609				
Total Cost					7307				
Asset Dynamics									
Beginning Asset Position		0							
Deliveries from all prior yea	ır funding								
Deliveries from FY 1997 fur	nding								
Deliveries from FY 1998 fur	nding								
Deliveries from FY 1999 fur	nding					12			
Deliveries from subsequent	years' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attri									
End oy Year Asset Position	on					12			
Inventory Objective or Curre	ent Authorized Allowance	12	12	12	12	12	12	12	12
Inventory Objective	Actual Training	Other than Trai	ning	Disposals		Vehicles E		Aircraft:	
	Expenditures	Usage		(Vehicles/Othe	r)		Replacement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles E		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		_	Replacement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Au	ugment:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									
				D 4 CHODDING	2110-		01.40	CITICATION.	

DD Form 2454, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

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TAGENO. 34

CLASSIFICATION: U	NCLASSIF	TED											
					BUDGE	T ITEM JUST	TIFICATION S	HEET					
						P-4	10						
APPROPRIATION / I	BUDGET ACT	TIVITY					P-1 ITEM NO	MENCLATU	RE		DATE: Februa	ry1998	
AIRCRAFT PROCUR	REMENT, NA	VY/BA-	7				COMMON G	ROUND EQU	JIPMENT - 47	C 2			
							ICP MANAG	ED SUPPOR	T EQUIPMEN	Γ			
Program Element for Co	ode B Items:						Other Related	d Program Ele	ements:				
FISCAL YEARS	Prior	ID	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To	Total
FISCAL TEARS	Years	Code	11 1//3	111//0	FT 1997	111770	111555	FT 2000	11 2001	1 1 2002	11 2003	Complete	Costs
OUANTITY	1 cars	Code										Complete	Costs
COST (in millions)													
COST (III IIIIIIOIIS)	*		\$ 8.962	\$ 12.999	\$ 10.140	\$ 13.805	\$ 7.170	\$ 3.615	\$ 4.0	\$ 4.038	\$ 4.225	Cont'd	Cont'd

General Program Description

This budget sub-line funds the procurement of end items of Peculiar Support Equipment for out-of-production weapon systems and all Common Support Equipment (CSE) under the budget, procurement and inventory control of the Naval Inventory Control Point (NAVICP). PSE and CSE end items are normally introduced into the Fleet through NAVAIR development and initial procurement. When design is stabilized and procurement packages are available, the items then migrate to NAVICP management and are funded under this subline. The NAVICP currently manages over 11,000 individual repairable SE end items. This subline also funds outfitting of new construction ships.

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

CLAS	CLASSIFICATION: UNCLASSIFIED WEAPON SYSTEMS COST ANALYSIS P-5																				
Appre	Appropriation/Budget Activity						В		P-1 Item Nomenclature	Nomer	rclature					DATE:	: Febru	DATE: February 1998			
AIRCE	AIRCRAFT PROCUREMENT, NAVY BA/7						<u> </u>	CODE	COMMON GROUNI ICP MANAGED SE	ON GR	COMMON GROUND EQUIPMENT - 47C2 ICP MANAGED SE	IIPMENI	47C2								
E		E	Prior	EV 1005			5	EV 1006		_	FW 1007		cost in t	housanc	(Total cost in thousands of dollars)	urs)	_		EV 1000		
CODE	Element of Cost	CODE	Cost	Qty Unit Cost		Total Cost	Qty U	Unit Cost	Total Cost	ost Qty		st Total Cost		Qty L	Unit Cost	Total Cost		Qty U	Unit Cost	Total Cost	Cost
70600	70600 1. Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems.			N/A	€	3,051	N/A		\$ 4,484	42 A/N	Æ	& %	3,491	N/A		\$ 6,5	6,959	N/A		& T	1,999
	2. Additional PSE for initial outfitting of sites due to baseloading changes for out-of-production weapon systems and subsystems.			N/A	€9	880	N/A		\$ 1,185	85 N/A	V	60	088	N/A		<i>∞</i>	649	N/A		↔	484
	3. New SE required for replenishment of existing SE due to obsolesence and attrition.			N/A	€9	781	N/A		\$ 1,399	N/A	Ą	\$ 1,	1,011	N/A		9	931	N/A		8	716
	Additional SE resulting from allowance increases determined to be required by actual fleet operating experience.	88		N/A	\$	500	N/A		\$ 1,241	11 N/A	Κ	↔	952 1	N/A		\$ 1,5	1,559	A/N		\$	644
	5. Aviation general purpose electronic test equipment for initial site outfitting.			N/A	\$	675	N/A		\$ 850	05 N/A		\$	661	N/A		\$	586	N/A		⇔	521
	6. SE in support of reserve.			N/A	€	500	N/A		\$ 1,165	N/A		€	1 077	N/A		€	746	N/A		€	681
	7. SE for training command.			N/A	↔	75	N/A		\$	75 N/A	A	*	75 1	N/A		€	75 1	N/A		€9	75
	8. Production support.				es.	2,500		-	\$ 2,600	00		\$ 2,	2,300			\$ 2,3	2,300			\$ 2,	2,050
	TOTAL				€	8,962			\$ 12,999	<u> </u>		\$ 10,140	,140			\$ 13,805	808			. ,	7,170
	DD FORM 2446, JUN 86				Itei	Item No.	P-1 SI	P-1 Shopping List	List Page No	36						CLASS	CLASSIFICATION UNCLASSIFIED	TION			

WEAPON SYSTEM COST ANALYSIS

P-5

Appropriation/Budget Activity ID Code P-1 Item Nomenclature Date: February 1998
AIRCRAFT PROCUREMENT, NAVY BA/7 COMMON GROUND EQUIPMENT - 47C2

ICP MANAGED SUPPORT EQUIPMENT

									(Tot	al cost i	n thou	sands of d	ollar	rs)						
COST		ID		FY 2000				FY 2001				FY 2002				FY 2003			To Complete	Total
CODE	Element of Cost	CODE	Qty	Unit Cost	То	tal Cost	Qty	Unit Cost	Tot	al Cost	Qty	Unit Cost	Tot	al Cost	Qty	Unit Cost	To	tal Cost	Cost	Cost
70600	Additional CSE for initial outfitting of sites du to: (a) intro of weapon systems and (b) baseloadir changes for existing weapon systems/subsystems.	ng	N/A		\$	1,100	N/A		\$	1,168	N/A		\$	1,093	N/A		\$	1,223		
	Additional PSE for initial outfitting of sites du to baseloading changes for out-of-production weapon systems and subsystems.	e	N/A		\$	280	N/A		\$	280	N/A		\$	280	N/A		\$	280		
	3. New SE required for replenishment of existing SE due to obsolesence and attrition.		N/A		\$	350	N/A			450	N/A			450	N/A		\$	400		
	4. Additional SE resulting from allowance increa determined to be required by actual fleet operating experience.		N/A		\$	305	N/A		\$	390	N/A		\$	390	N/A		\$	410		
	5. Aviation general purpose electronic test equipment for initial site outfitting.	- - !	N/A		\$	230	N/A		\$	280	N/A		\$	280	N/A		\$	300		
	6. SE in support of reserve.		N/A		\$	310	N/A		\$	360	N/A		\$	360	N/A		\$	360		
İ	7. SE for training command.		N/A		\$	35	N/A		\$	35	N/A		\$	35	N/A		\$	35		
	8. Production support.				\$	1,005			\$	1,037			\$	1,150			\$	1,217		
	TOTAL				\$	3,615			\$	4,000			\$	4,038			\$	4,225		Cont'd

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P-1 Shopping List

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CLASSIFICATION

UNCLASSIFIED

CLASSIFICATION: U	NCLASSIFIE	D											
					BUDG	ET ITEM JUS	STIFICATION	SHEET					
						F	P-40						
APPROPRIATION / B	UDGET ACTI	VITY					P-1 ITEM NO	OMENCLATU	RE		DATE: Februa	ary 1998	
AIRCRAFT PROCUR	EMENT, NAV	Y BA-	-7				COMMON (GROUND EQU	JIPMENT - 47	C2			
							GAS TURBI	NE COMPRES	SSOR				
Program Element for Co	de B Items:						Other Related	Program Eleme	ents:				
FISCAL YEARS	Prior	ID	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To	Total
	Years	Code										Complete	Costs
QUANTITY													
COST (in millions)	*		\$ 1.301	\$ 21.245	\$ 1.844	\$ 1.149	\$ 42.617	\$ 39.881	\$ 36.584	\$ 36.309	\$ 34.777	\$ 115.678	\$ 378.965

General Program Description

The Gas Turbine Compressor line item provides for the replacement of old mobile airstart units at all Navy/Marine Corps activities with more reliable, easily maintained airstart units. These units provide compressed air for starting main aircraft engines. The new units will satisfy all the Navy's airstart requirements and will be used at 60 shorebased activities and aboard all CV's. Existing airstart assets which were designed and procured in the 1950's and early 1960's are incapable of meeting the support requirements of the 1990's and beyond.

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

CLASSIFICATION WEAPO	CATION UNCLASSIFIED WEAPONS SYSTEM COST ANALYSIS P-5	ED \LYSIS																	
Appropriati	Appropriation/Budget Activity							ID CODE	P-1 Item Nomenclature	nencla	ture					DATI	DATE: February 1998	y 1998	
AIRCRAFT	AIRCRAFT PROCUREMENT, NAVY BA-7							_	COMMON SUPPORT EQUIPMENT - 47C2	UPPOF	T EQUIPME	ENT - 47C2							
Ha		9	Prior	_	EV 1005	_	"	1006	TOT)	AL CO	ST IN THOU	(TOTAL COST THOUSANDS OF DOLLARS)	DOLLA	4RS)		-	1000		
CODE	Element of Cost	CODE	CODE TOTAL COST	Q.		TOTAL COST	Off.	F	TOTAL COST	οtγ	UNIT COST	TOTAL COST	Qty	UNIT COST	TOTAL COST	ST Qty	UNIT COST	T TOTAL	TOTAL COST
71100 1. A	71100 1. A/U47A JASU Non-recurring cost	∢					9	476.2	2,857					•		80	476.2	- 38	38,096
= <u>ď</u>	Peculiar Support Equipment SUB TOTAL								20,196									- 2 4	2,172
<u>у</u>	2. Production Support			· ·		1,301			1,049			1,120			1,149	<u>о</u>		_	1,149
	TOTAL					1,301			21,245			1,844			1,149	<u></u>		42	42,617
DD FC	DD FORM 2446, JUN 86				P- ′ Item No. 50	P-1 Shopping List Item No. 50	st	-	Page No:	39					CLASSIFICATION: UNCLASSIFIED	ICATION SSIFIE	🗅		

WEAPONS SYSTEMS COST ANALYSIS

P-5

Appropriation/Budget Activity

AIRCRAFT PROCUREMENT, NAVY BA-7

AIRCRAFT PROCUREMENT, NAVY BA-7

COMMON SUPPORT EQUIPMENT - 47C2
GAS TURBINE COMPRESSOR

(TOTAL COST IN THOUSANDS OF DOLLARS) То FY 2000 FY 2002 FY 2001 FY 2003 Complete Total **Element of Cost** Qty UNIT COST TOTAL COST COST COST 1. A/U47A JASU 80 438.2 35,056 80 429.5 34,364 80 424.6 33,969 80 400.0 31,997 110,478 354,439 Non-recurring cost 1,040 1,480 ILS 500 Peculiar Support Equipment 3,099 1,020 SUB TOTAL 38,655 35,384 35,009 33,477 2. Production Support 1,226 1,200 1,300 1,300 5,200 24,526 **TOTAL** 39,881 36,584 36,309 34,777 115,678 378,965

 DD FORM 2446, JUN 86
 P-1 Shopping List
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CLASSIFICATION: UNCLASSIFIED **BUDGET HISTORY AND PLANNING EXHIBIT P-5A** B. APPROPRIATION / BUDGET ACTIVITY C. P-1 ITEM NOMENCLATURE DATE: February 1998 COMMON GROUND EQUIPMENT - 47C2 GAS TURBINE COMPRESSOR AIRCRAFT PROCUREMENT, NAVY BA-7 CONTRACT DATE OF Specs **UNIT** Date **COST** RFP ISSUE METHOD COST ELEMENT/ OTY LOCATION AWARD FIRST Avail nov Revision CONTRACTOR OF PCO &TYPE DELIVERY When? Available DATE FISCAL YEAR (\$K) AND LOCATION DATE 1. A/U47A JASU FY 1999 80 476.2 NAWCAD LKE N/A OPT Allied Signal Inc., Phoenix A 11/98 1/00 YES 1/96 D. REMARKS:

CLASSIFICATION: P-1 Shopping List DD FORM 2446-1, JUN 87 **UNCLASSIFIED** Item No. 50

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Exhibit P-20, Requirer	ments Study		Į.	APPROPRIATIO	N/BUDGET	ACTIVITY		DATE:	
			4	AIRCRAFT PROC	UREMENT NA	AVY/BA-7		Februa	ry 1998
P-1 ITEM NOMENCLATU	JRE		Admin	Leadtime (after	Oct1):	Pr	od Leadtime) :	
COMMON GROUND E	QUIPMENT - GAS TUR	BINE COM	PRESSOR		3 mo				14 mo
A/U47A JASU		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		FY 2003
Buy Summary		6			80	80	80	80	80
Unit Cost		476			476	438	429	425	400
Total Cost									
Asset Dynamics									
Beginning Asset Position		12	3	9	5	5	85	165	###
Deliveries from all prior ye			6						
Deliveries from FY 1997 f	funding								
Deliveries from FY 1998 f	funding								
Deliveries from FY 1999 f	funding					80			
Deliveries from subseque	ent years' funding						80	80	80
Other Gains	-								
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage		3		4					
Other Losses/Usage		6							
Disposals/Retirements/At									
End oy Year Asset Posi	tion	3	9	5	5	85	165	245	###
Inventory Objective or Cu	irrent Authorized Allowance	###	650	650	650	650	650	650	###
Inventory Objective	Actual Training	Other than 7	raining	Disposals		Vehicles Elig	jible for	Aircraft:	
650	Expenditures	Usage		(Vehicles/Othe	er) 13	FY 1998 Rep	olacement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thr	u	FY 1996 thru		Vehicles Elig	jible for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Re	olacement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augi	ment:	Attrition Res	3:
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv	
TOTAL:								Storage:	
Romarko					-				

P-1 SHOPPING LIST CLASSIFICATION:

CLASSIFICATION:	UNCLASSIFIED	ASSIF	:ED											
						BUDG	ET ITEM JL	BUDGET ITEM JUSTIFICATION SHEET	N SHEET					
								P-40						
APPROPRIATION / BUDGET ACTIVITY	BUDGET AC	TIVIT	Y						P-1 ITEM NO	P-1 ITEM NOMENCLATURE	RE		DATE: February 1998	y 1998
AIRCRAFT PROCUREMENT, NAVY/BA-7	REMENT, NA	VY/B	4-7						COMMON G	ROUND EQU	COMMON GROUND EQUIPMENT - 47C2			
									AVIONICS S	AVIONICS SUPPORT EQUIPMENT	JIPMENT			
Program Element for Code B Item:	Code B Item:						Other Related	Other Related Program Elements:	ents:					
FISCAL YEARS	Prior	А	ID FY 1995	FY 1996	F	FY 1997	FY 1998	FY 1998 FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To	Total
	Years	Code											Complete	
QUANTITY														
COST (in millions)	*		\$ 21.201	-	\$	13.106 \$ 25.553 \$		9.411 \$ 14.982		\$ 21.995	\$22.900 \$ 21.995 \$ 22.210 \$	\$ 22.183	Cont'd	Cont'd

This budget sub-line procures common Avionics Support Equipment (ASE) items which are too complex technically to be transitioned to the inventory control point for acquisition. The ASE

managed by NAVAIR Headquarters and supported through the Naval Inventory Control Point. The following acquisitions are planned:

A/E37T-35 Common Rack and Launcher Test Set - Intermediate maintenance tester that will provide the capability to fault diagnose and repair uninstalled bomb racks and missile launchers.

This will replace existing

testers which have various support issues.

Memory Loader Verifier Set (formerly the Rapid Reprogramming Terminal) - Common, portable "O" and "I" level memory loader verifier required to load tactical software for multiple avionics

NDI Pressure Temperature Test Set - Portable tester designed for both flight line and intermediate maintenance use for checking performance characteristics of aircraft airspeed, altimeter and

Will replace existing TTU-205 C/E Test Sets.

Joint Service Electronic Combat Systems Tester (JSECST) - Organizational level reprogrammable electronic combat (EC) systems tester that provides status and fault diagnostics for maintenance and repair of

aircraft EC systems. This program is a joint effort with the USAF.

Surface Mount Technology Repair Station - Intermediate maintenance level support equipment required to remove and replace circuit card integrated components that are surface mounted.

IFF Interrogator/Transponder Test Set - Organizational level test set required to verify the operational status of IFF interrogators and transponders. Will replace the ANVAPM-378 Test Set

components and is not suitable for testing Mode 4. In addition, the obsolete AN/APM-424 and AN/APM-349 test sets will be replaced by this test set

PRC-2000 Solder Station - Micro Miniature Soldering Station consisting of a handheld soldering device required to remove and replace electrical components from circuit cards. Will replace existing repair station

that has obsolete components and has caused damage to circuit cards due to lack of electro-static discharge protection and lack of temperature control capability

Cable Harness Repair Support Equipment - Required for intermediate level repair of aircraft and support equipment (SE) wiring harnesses. "Fly by wire" technology, EW, and SE EMI shielded repairs cannot be

performed with current equipment. Additionally, pneumatic assist tools are necessary for repairs of repetitious volume. This equipment consists of a pnuematic crimping tool, pnuematic

processor, braiding machine, cable marker/etcher, and connector repair information. This equipment is compatible with the previously procured Aircraft Wiring I Level Tool Sets and meets

requirements for aircraft and SE wiring repairs.

ASE Modification - Required to maintain technology currency, enhance support, adjust workload and incorporate necessary reliability and maintainability improvements for out of production items of ASE.

Production Support - Effort necessary to control monitor review and direct the technical and production aspects of the ASF program

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

CLASSIFICATION UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIF	ICAT	ION SH	EET FOR	AGGREGA	ATED ITEM	/IS				DATE:						
P-40a											Februa	ry 1998				
APPROPRIATION/BUDGET	ACTIV	/ITY						P-1 ITEM N	OMENCLA	TURE						
Aircraft Procurement, I	Navy							COMMON GROUND EQUIP - AVIONICS SUPP EQU								
	ID	Prior										То				
Procurement Items	Code	Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total			
#1 CRALTS	Α															
Qty			90	90	68								248			
Cost			6,533	5,820	5,695								22,235			
#2 Memory Loader Verifier Set	Α															
Qty			75	100	61	52	50	36					407			
Cost			2,095	1,722	1,220	1,500	1,000	720					13,874			
#3 NDI Pressure Temp T.S.	Α															
Qty					262	143	248	163				89	905			
Cost					8,280	4,301	7,590	5,379				3115	28,665			
#4 JSECST & ORG EW TPS	В															
Qty								37	70	78			185			
Cost								10,097	13,176	14,021			37,294			
#5 Surface Mt Tech Repair Stati	Α															
Qty			12		51								63			
Cost			2,701		3,398								6,099			
#6 IFF Interrogator/Transponder	В															
Qty					5		211	216	164	167			763			
Cost					1,018		2,701	2,886	2,247	2,338			11,190			
#7 PRC-2000 Solder Station	Α					_										
Qty			93		333								426			
Cost			322		1,195								1,517			
SUBTOTAL			11,651	7,542	20,806	5,801	11,291	19,082	15,423	16,359	-	3,115	111,070			

P-1 SHOPPING LIST

CLASSIFICATION:

CLASSIFICATION:

UNCLASSIFIED

ICATION SHEET FOR	RAGG	REGAT	ED ITEMS							DATE:			
P-40a											Februa	ry 1998	
APPROPRIATION/BUDGI	ET ACT	IVITY						P-1 ITEM N	OMENCLAT	URE			
Aircraft Procuremen	nt, Nav	'y						COMMON	ROUND EC	QUIP - AVION	NICS SUPPO	RT EQUIP	
	ID	Prior										To	
Procurement Items	Code	Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
PAGE 2													
FORWARDED			11,651	7,542	20,806	5,801	11,291	19,082	15,423	16,359	-	3115	111,070
EW Threat Signal Genera	а В												
Qty									3		90		
Cost									700		4,500	Cont'd	Cont'd
Universal "O" level T.S.	В												
Qty									2	77	422		
Cost									1,000	1,925	10,550	Cont'd	Cont'd
Fuel Quantity Test Set	В												
Qty									3		90	Cont'd	Cont'd
Cost									1,026		3,150		
SUBTOTAL			11,651	7,542	20,806	5,801	11,291	19,082	18,149	18,284	18,200	Cont'd	Cont'd
OTHER COSTS			9,550	5,564	4,747	3,610	3,691	3,818	3,846	3,926	3,983	Cont'd	Cont'd
TOTAL			21,201	13,106	25,553	9,411	14,982	22,900	21,995	22,210	22,183	Cont'd	Cont'd

P-1 SHOPPING LIST

CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 50 PAGE NO. 45

CLASSIFICATION: UNCLASSIFIED Weapon System Cost Analysis

P-5

Appropriation/Budget Activity

AIRCRAFT PROCUREMENT, NAVY/BA-7

ID Code P-1 Item Nomenclature

COMMON GROUND EQUIPMENT - 47C2

AVIONICS SUPPORT EQUIPMENT

			Prior						(Total cost			f dollars)	. 1 1					
COST		ID	Years	1	FY 199)5		FY 19		l III uio	FY 19			FY 19	98		FY 199	9
CODE	Element of Cost		Total Cost	Otv	Unit Cost		Otv		Total Cost	Otv		Total Cost	Otv		Total Cost	Otv		Total Cost
	1. COMMON RACK & LAUNCHER TES			90	72.5	6,533	90	64.7	5,820	68	83.8	5,695	<u> </u>			(1)		
	2. MEMORY LOADER VERIFIER SET Non-recurring Total	A		75	27.9	2,095	100	17.2	1,722	61	18.5	1,129 91 1220	52	19.2	1,000 <u>500</u> 1500	50	20.0	1,000
	3. NDI PRESSURE TEMP TEST SET Non-recurring ILS Total (non-developmental item)	A							0 160 <u>0</u> 160	262	30.4	7,978 0 302 8,280	143	30.1	4,301 0 0 4,301	248	30.6	7,590 0 <u>0</u> 7,590
	4. SURFACE MT TECHNOLOGY REPA Non-recurring ILS Total (non-developmental item)	A		12	60.0	720 1,281 <u>700</u> 2,701				51	66.6	3,398						
	5. IFF INTERROGATOR/TRANSPONDE Non-recurring ILS Total (non-developmental item)	В								5	21.7	109 558 <u>351</u> 1,018				211	12.8	2,701 0 0 2,701
	6. PRC-2000 SOLDER STATION	A		93	3.5	322				333	3.6	1,195						
	7. CABLE HARNESS REPAIR SUPPORT	A									N/A	230						
	8. ASE MODIFICATION								905		N/A	566		N/A				
	9. PRODUCTION SUPPORT								4,499		N/A	3,951		N/A	3,610		N/A	3,691
	OTHER COSTS					9,550												
	GRAND TOTAL					21,201			13,106			25,553			9,411			14,982

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CLASSIFICATION UNCLASSIFIED

DATE: February 1998

Weapon System Cost Analysis

P-5

Appropriation/Budget Activity

AIRCRAFT PROCUREMENT, NAVY/BA-7

ID Code P-1 Item Nomenclature

DATE: February 1998

COMMON GROUND EQUIPMENT - 47C2

AVIONICS SUPPORT EQUIPMENT

								(7	Total cost in	thousands of	dollar	s)			
COST			FY 2000			FY 2001			FY 2002			FY 2003		To Complete	Total
CODE	Element of Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Cost	Costs
#####	MEMORY LOADER VERIFIER SET NDI PRESSURE TEMP TEST SET JOINT SERV ELECT COMBAT SYS TE	36 ### 37	20 33 231.3	720 5,379 8,557	70	170.9	11,960	78	176	13,728					
	ORGANIZATIONAL EW TPS			1,540			1,216			293					
	(RDT&E,N P.E. 0205633N, W0601)			10,097			13,176			14,021					
	IFF INTERROGATOR/TRANSPONDER	###	13.3	2,886	164	13.7	2,247	167	14	2,338					
	EW THREAT SIGNAL GENERATOR				3	233	700				90	50	4,500		Cont'd
	UNIVERSAL ORG SYS TESTER				2	500	1,000	77	25	1,925	422	25	10,550		Cont'd
	FUEL QUANTITY TEST SET				3	341.8	1,026				90	35	3,150		Cont'd
	PRODUCTION SUPPORT		·	3,818			3,846			3,926			3,983		Cont'd
	GRAND TOTAL			22,900			21,995			22,210			22,183		Cont'd

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Item No.

CLASSIFICATION UNCLASSIFIED

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BUDGET HISTORY PLANNING

P-5A

B. APPROPRIATION / BUDGET ACTIVITY	ГҮ				C. P-1 ITEM	I NOMENCLATURE		DATE: I	February 1	1998
AIRCRAFT PROCUREMENT, NAVY/BA-7					COMMON (GROUND EQUIPMENT - 47C2				
					AVIONICS S	SUPPORT EQUIPMENT				
		UNIT			CONTRACT	CONTRACTOR/		DATE OF	Specs	Date
COST ELEMENT/	QTY	COST	LOCATION OF	RFP ISSUE	METHOD	LOCATION	AWARD	FIRST	Avail now	Revision
FISCAL YEAR		(\$K)	PCO	DATE	&TYPE	City, State	DATE	DELIVERY	When?	Available
1. COMMON RACK & LAUNCHER T/S										
FY-97	68	83.8	NAWCAD LKE	<u>.</u>	C/FFP OPT.	METRIC SYS/Ft Walton Beach, l	2/97	2/98	YES	
									 -	
2. MEMORY LOADER VERIFIER SET										
FY-97	61	105	NAVAIR		CC/EED OD	MTI/Ft. Walton Beach FL	1/97	1/98	YES	
FY-98	61 52		NAVAIR	11/97	C/FFP	TBD	5/98	5/99	YES	
FY-99	50		NAVAIR	11/9/	C/FFP OPT.		3/98 2/99	2/00	YES	
F1-99	30	20.0	NAVAIK		C/FFF OF 1.	וסט	2/99	2/00	1 ES	
3. NDI PRESSURE TEMP TEST SET										
FY-97	262	30.4	NAWCAD LKE	10/95	C/FFP	Druck Inc. New Fairfield CT	6/97	1/98	YES	
FY-98	143		NAWCAD LKE			Druck Inc. New Fairfield CT	12/97	6/98	YES	
FY-99	248	30.6	NAWCAD LKE	3	C/FFP OPT.	Druck Inc. New Fairfield CT	12/98	6/99	YES	
					j					
D REMARKS.					1					

D. REMARKS:

CLASSIFICATION P-1 Shopping List DD FORM 2446-1, JUL 87 **UNCLASSIFIED** Item No. 50 Page No; 48

CLASSIFICATION: UNCLASSIFIED										
			BUDGI		ORY PLAI -5A	NNING				
B. APPROPRIATION/BUDGET ACTIV AIRCRAFT PROCUREMENT, NAVY/BA-7	ITY				C. P-1 ITEM COMMON (M NOMENCLATURE GROUND EQUIPMENT - 47C2 SUPPORT EQUIPMENT		DATE: 1	February	1998
COST ELEMENT/ FISCAL YEAR	QTY	UNIT COST (\$K)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD &TYPE	CONTRACTOR/ LOCATION City, State	AWARD DATE	DATE OF FIRST DELIVERY	Specs Avail now When?	Date Revision Available
4. SURFACE MOUNT DEV REPAIR STATION FY-97	 51	66.6	NAWCAD LKE	9/94	C/FFP OPT.	CSTS INC. Anaheim CA	7/97	3/98	YES	
5. IFF INTERROGATOR/TRANSPONDER FY-97 FY-99	5 211	21.7 12.8	NAWCAD LKE		C/FFP C/FFP OPT.	Tel-Instrument, Carlstadt NJ Tel-Instrument, Carlstadt NJ	8/97 12/98	4/98 6/99	YES YES	
6. PRC-2000 SOLDER STATION FY-97	333	3.6	NSWC CRANE	7/94	C/FFP OPT.	PACE INC. Laurel MD	2/97	4/97	YES	
D. REMARKS:										

CLASSIFICATION UNCLASSIFIED P-1 Shopping List DD FORM 2426-1 JUL 87 50 Page No. Item No 49

Exhibit P-20, Requiren	nents Study		Al	PPROPRIATIO	N/BUDGET A	CTIVITY	D	ATE:				
				RCRAFT PROC				February	1998			
P-1 ITEM NOMENCLATU	RE		Admin Leadtir	me (after Oct1):		F	Prod Leadtime :					
COMMON GROUND E	QUIPMENT - AVIO	NICS SUPPORT E	QUIPMENT		4 mo		12 mo					
COMMON RACK & LAUN	NCHER TEST SET	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003			
Buy Summary		90	68									
Unit Cost		65	84									
Total Cost		\$5,820.0	\$5,695.0									
Asset Dynamics												
Beginning Asset Position		3	14	125								
Deliveries from all prior ye	ar funding	14	111	55								
Deliveries from FY 1997 fu				68								
Deliveries from FY 1998 fu	unding											
Deliveries from FY 1999 fu	unding											
Deliveries from subsequer	nt years' funding											
Other Gains												
Combat Losses/Usage												
Training Losses/Usage												
Test Losses/Usage		3										
Other Losses/Usage												
Disposals/Retirements/Att	ritions/etc.											
End oy Year Asset Posit	ion	14	125	248								
Inventory Objective or Cur	rent Authorized Allowa	ance 248	248	248	248							
Inventory Objective	Actual Training	Other than Trainir	ng	Disposals		Vehicles El	ligible for	Aircraft:				
248	Expenditures	Usage		(Vehicles/Oth	ner)	FY 1998 R	eplacement:	TOAI:				
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru	I	Vehicles El	ligible for	PAA:				
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 R	eplacement:	TAI				
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Au	gment:	Attrition Res:				
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI				
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:				
TOTAL:								Storage:				
Remarks:												
				D_1 QHODDI				FICATION:				

P-1 SHOPPING LIST I NO. 50 PAGE NO. 50 CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 50 PAGE NO.

UNCLASSIFIED CLASSIFICATION:

Exhibit P-20, Requiren	nents Study			APPROPRIATION	ON/BUDGET	I	DATE:			
				AIRCRAFT PRO	CUREMENT, I	NAVY/BA-7		Februai	y 1998	
P-1 ITEM NOMENCLATU	RE		Admin Lea	dtime (after Oct	1):		Prod Leadtin	ne :		
COMMON GROUND E	QUIPMENT - AVIONICS	SUPPORT EQUI	PMENT		4 mo			12 mo		
MEMORY LOADER VERI	FIER SET	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
Buy Summary		100	61	52	50	36				
Unit Cost		17	19	19	20	20				
Total Cost		\$1,722.0	\$1,220.0	\$1,500.0	\$1,000.0	\$720.0				
Asset Dynamics			• •							
Beginning Asset Position			35	156	238	319				
Deliveries from all prior ye	ar funding	35	121	52						
Deliveries from FY 1997 fu	•			30	31					
Deliveries from FY 1998 fu	unding				52					
Deliveries from FY 1999 funding						50				
Deliveries from subsequent years' funding						36				
Other Gains										
Combat Losses/Usage										
Training Losses/Usage										
Test Losses/Usage					2					
Other Losses/Usage										
Disposals/Retirements/Att	ritions/etc.									
End oy Year Asset Posit		35	156	238	319	405				
Inventory Objective or Cur	rent Authorized Allowance	405	405	405	405	405				
nventory Objective	Actual Training	Other than Train	ing	Disposals		Vehicles El	•	Aircraft:		
405	Expenditures	Usage		(Vehicles/Othe	er)		eplacement:	TOAI:		
Assets Rqd for Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles El		PAA:		
_oads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 R	eplacement:	TAI		
NRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Aug	gment:	Attrition Res:		
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI		
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:		
TOTAL:								Storage:		

P-1 SHOPPING LIST

CLASSIFICATION:

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Exhibit P-20, Requiren	nents Study			APPROPRIA	TION/BUDG	ET ACTIVITY	,	DATE:	
•	-			AIRCRAFT PE	ROCUREMEN	IT, NAVY/BA-	7	Februa	ry 1998
P-1 ITEM NOMENCLATU	RE			adtime (after (•	Prod Leadtir		•
COMMON GROUND E	QUIPMENT - AVIONICS S	UPPORT EQ	UIPMENT	<u> </u>	3 mo			6 mo	
NDI PRESSURE TEMP TI	FST SFT	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		1 1 1000	262	143	248	163			
Unit Cost			30	30	31	33			
Total Cost			\$8,280.0	\$4,301.0	\$7,590.0	\$5,379.0			
Asset Dynamics			, , , , , , , , , , , , , , , , , , ,	7 ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , ,			
Beginning Asset Position					180	420	660		
Deliveries from all prior ye	ar funding								
Deliveries from FY 1997 fu	•			180	82				
Deliveries from FY 1998 fu	ınding				143				
Deliveries from FY 1999 fu	ınding				15	233			
Deliveries from subsequer	nt years' funding					7	156		
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Att									
End oy Year Asset Posit	ion			180	420	660	816		
Inventory Objective or Cur	rent Authorized Allowance	905	905	905	905	905	905		
Inventory Objective	Actual Training	Other than Tra	aining	Disposals		Vehicles Elig	gible for	Aircraft:	
905	Expenditures	Usage		(Vehicles/C	Other)	FY 1998 Re		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 th	ıru	Vehicles Elig	gible for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Re	placement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Aug	ment:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:		- 							

P-1 SHOPPING LIST

CLASSIFICATION:

Exhibit P-20, Requiren	nents Study		APPROPRI <i>A</i>	TION/BUDGET	ACTIVITY		DATE:		
-	•		AIRCRAFT PI	ROCUREMENT, N	AVY/BA-7			February 19	998
P-1 ITEM NOMENCLATU	IRE		Admin Leadtin	ne (after Oct 1)		Prod Lea	adtime :		
COMMON GROUND E	QUIPMENT - AVIONICS	SUPPORT EQU	JIPMENT	8 mo			8 mo		
SURFACE MT TECHNOL	OGY REPAIR STATION	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary			51						
Unit Cost			67						
Total Cost			\$3,398.0						
Asset Dynamics									
Beginning Asset Position			1	12					
Deliveries from all prior ye	ear funding	1	11						
Deliveries from FY 1997 f				51					
Deliveries from FY 1998 f	unding								
Deliveries from FY 1999 f	unding								
Deliveries from subseque	nt years' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Att									
End oy Year Asset Posit	tion	1	12	63					
Inventory Objective or Cu	rrent Authorized Allowance	63	63	63					
Inventory Objective	Actual Training	Other than Trai	ning	Disposals		Vehicles Eligib		Aircraft:	
63	Expenditures	Usage		(Vehicles/Other	r)	FY 1998 Repl		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligib	ole for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Repl	acement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augm	ent:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

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Exhibit P-20, Requiren	nents Study	-	_	RIATION/BUDG	_		DATE:	F.1 400	•
D 4 ITEM NOMENOLATI	IDE			PROCUREMEN	•	Donaldan	44:	February 199	8
P-1 ITEM NOMENCLATU			•	dtime (after Oct 1)	Prod Lead			
COMMON GROUND E	QUIPMENT - AVIONICS	SUPPORT EQ	UIPMENT	9 mo	1		6 mo	1	
IFF INTERROGATOR/TR	ANSPONDER T.S.	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		1	5		211	216	164	167	
Unit Cost		1	22		13	13	13.70	14	
Total Cost		1	\$1,000.0		\$2,701.0	\$2,886.0	\$2,247.0	\$2,338.0	
Asset Dynamics		1					· · · · · · · · · · · · · · · · · · ·		
Beginning Asset Position		1	<u> </u>			80	320	560	
Deliveries from all prior ye	ear funding								
Deliveries from FY 1997 for	unding			5					
Deliveries from FY 1998 fr	unding								
Deliveries from FY 1999 for	unding				80	131			
Deliveries from subseque	nt years' funding					109	240	198	
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage				5					
Other Losses/Usage									
Disposals/Retirements/Att									
End oy Year Asset Posit					80	320	560	758	
	rrent Authorized Allowance			758	758	758	758	758	
Inventory Objective	Actual Training	Other than Tra	ining	Disposals		Vehicles Eli		Aircraft:	
758	Expenditures	Usage		(Vehicles/Othe	er)	FY 1998 Re		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eli		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Re		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Aug	ment:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

P-1 SHOPPING LIST

Exhibit P-20, Requiren	nents Study			APPROPRIAT	ION/BUDGET	ACTIVITY	DA	ATE:	
				AIRCRAFT PRO	OCUREMENT, I	NAVY/BA-7		February	1998
P-1 ITEM NOMENCLATU	RE		Admin Lea	dtime (after Oc	xt1):	Prod	d Leadtime :		
COMMON GROUND E	QUIPMENT - AVIONICS	SUPPORT EQ	UIPMENT		4 mo		2	mo	
PRC-2000 SOLDER STA	TION	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		1 1 1000	333	1 1 1000	1 1 1000	1 1 2000	1 1 2001	1 1 2002	1 1 2000
Unit Cost			4						
Total Cost			\$1,195.0						
Asset Dynamics			\$1,100.0						
Beginning Asset Position		23	93						
Deliveries from all prior ye	ar funding	70	- 55						
Deliveries from FY 1997 fu	•		333						
Deliveries from FY 1998 fu	9								
Deliveries from FY 1999 fu	•								
Deliveries from subsequer	ŭ								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Att	ritions/etc.								
End oy Year Asset Posit	ion	93	426						
Inventory Objective or Cur	rent Authorized Allowance	426	426						
Inventory Objective	Actual Training	Other than Tr	aining	Disposals		Vehicles Eligib	le for	Aircraft:	
426	Expenditures	Usage		(Vehicles/Oth	ner)	FY 1998 Repla		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligib		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Repla		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augme	ent:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	

P-1 SHOPPING LIST

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Exhibit P-20, Requirer	ments Study		APPR	ROPRIATION/BUI	DGET ACTIVI	TY	DATE:		
			AIRC	RAFT PROCUREN	IENT, NAVY/B	A-7		February 1998	8
P-1 ITEM NOMENCLATU	IRE		Admir	n Leadtime (after	Oct1):	Prod Leadtin	ne:		
COMMON GROUND E	QUIPMENT - AVIONICS	SUPPORT E	QUIPMENT		8 mo		8 mo		
JOINT SERV ELEC COM	BAT SYS TESTER	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary						37	70	78	
Unit Cost						231	171	176	
Total Cost						\$10,097.0	\$13,176.0	\$14,021	
Asset Dynamics									
Beginning Asset Position								37	107
Deliveries from all prior ye	ear funding								
Deliveries from FY 1997 f									
Deliveries from FY 1998 f	U								
Deliveries from FY 1999 f	unding								
Deliveries from subseque	nt years' funding						37	70	78
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Att									
End oy Year Asset Posit							37	107	185
, ,	rrent Authorized Allowance					185	185	185	185
Inventory Objective	Actual Training	Other than Tra	ining	Disposals		Vehicles Eligible		Aircraft:	
185	Expenditures	Usage		(Vehicles/Othe	r)	FY 1998 Replac		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replac		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augme	nt:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

P-1 SHOPPING LIST CLASSIFICATION:

CLASSIFICATION: UNCLASS	IFIED												
				I	BUDGET ITE	M JUSTIFIC	ATION SHE	ET					
						P-40							
APPROPRIATION / BUDGET	ACTIVITY						P-1 ITEM N	OMENCLAT	URE			DATE: Februa	ary 1998
AIRCRAFT PROCUREMENT,	NAVY BA/7						COMMON	GROUND EC	QUIPMENT -	47C2			
							RAPID DE	PLOYMENT	FORCE/MA	RITIME PRE	POSITIONIN	G SHIPS	
Program Element for Code B Item	s:						Other Relate	ed Program Ele	ements				
FISCAL YEARS	Prior	ID	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To	Total
	Years	Code										Complete	Costs
QUANTITY													
COST (in millions)	*		\$ 2.006	\$ 1.068	\$ 1.040	\$ 1.400	\$ 1.024	\$ 1.205	\$ 2.000	\$ 2.019	\$ 2.112	Cont'd	Cont'd

General Program Description

The Rapid Deployment Force (RDF)/Maritime Prepositioning Ships (MPS) program is a DOD-directed initiative. The USMC MPS program, which this budget line supports, is

integral to the RDF concept. The MPS program requires the procurement of Organizational ("O") level and limited Intermediate ("I") level support equipment (SE) to support

three Air Combat Elements (ACE's), each with a preselected mix of fixed wing and rotary wing aircraft. When deployed, an ACE will provide tactical air support for a Marine Expeditionary Brigade. Each ACE will have dual operating site capability, one for the fixed wing and one for the rotary wing aircraft. The SE items will be prepositioned on

MPS ships at various locations throughout the world.

Procurement of required SE wil be conducted by NAVAIR, the Naval Inventory Control Point (NICP), or the Naval Air Warfare Center AD Lakehurst.

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

CLASSIFICATION: UNCLASSIFIED
WEAPON SYSTEM COST ANALYSIS

P-5

Appropriation/Budget Activity

AIRCRAFT PROCUREMENT, NAVY BA/7

ID Code P-1 Item Nomenclature

DATE: February 1998

COMMON GROUND EQUIPMENT - 47C2

RAPID DEPLOYMENT FORCE/MARITIME PREPOSITIONING SHIPS

			Prior							· ·			(Total cost in	thousa	nds of dolla	ars)				
COST		ID	Year		FY 1995			FY 1996				FY 1997			FY 1998			FY 199	9	
CODE	Element of Cost	CODE	Costs	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total	Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Jnit Cos	Total	Cost
71300	1. REPLACE/MODERNIZE S	SE		N/A	\$ 1,680		N/A		\$	793	N/A		\$ 578	N/A		\$ 1,100	N/A		\$	750
	2. PRODUCTION SUPPORT			N/A	\$ 326		N/A		\$	275	N/A		\$ 462	N/A		\$ 300	N/A		\$	275
	TOTAL				\$ 2,006				\$	1,068			\$ 1,040			\$ 1,400			\$	1,025
						GI .										CI A COIFIA				

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CLASSIFICATION UNCLASSIFIED

WEAPON SYSTEM COST ANALYSIS

P-5

Appropriation/Budget Activity

AIRCRAFT PROCUREMENT, NAVY BA/7

ID Code P-1 Item Nomenclature

DATE: February 1998

COMMON GROUND EQUIPMENT - 47C2

RAPID DEPLOYMENT FORCE/MARITIME PREPOSITIONING SHIPS

								(Total c	ost in th	ousands	of dollars)							To	
COST			FY 2000				FY 2001				FY 2002				FY 2003			Complete	Total
CODE	Element of Cost	Qty	Unit Cost	Total	Cost	Qty	Unit Cost	Total	Cost	Qty	Unit Cost	Total	Cost	Qty	Unit Cost	Tota	l Cost	Cost	Cost
71300	1. REPLACE/MODERNIZE SE	N/A		\$	823	N/A		\$	1,500	N/A		\$	1,494	N/A		\$	1,723		
	2. PRODUCTION SUPPORT	N/A		\$	382	N/A		\$	500	N/A		\$	525	N/A		\$	389		
	TOTAL			\$	1,205			\$	2,000			\$	2,019			\$	2,112	Cont'd	Cont'd

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					BUDGET I	TEM JUST	IFICATION	N SHEET					
						P-4	0						
APPROPRIATION / BUDG	GET ACTIVIT	Ϋ́						P-1 ITEM NO	OMENCLATU	JRE		DATE: Februa	ry 1997
AIRCRAFT PROCUREM	IENT, NAVY/	BA-7						COMMON	GROUND EQ	UIPMENT (4	7C2) -		
								HEADQUA	RTERS MAN	AGED - PSE			
Program Element for Code I	3 Items:							Other Related	l Program Elem	nents:			
FISCAL YEARS	Prior	ID	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To	Total
	Years	Code										Complete	Costs
QUANTITY													
COST (in millions)	*		\$ 13.400	\$ 5.911	\$ 2.928	\$ 3.452	\$ 4.097	\$ 3.615	\$ 3.000	\$ 3.028	\$ 4.225	Cont'd	Cont'd

General Program Description

This budget sub-line provides for the replacement of certain in-use Peculiar Support Equipment (PSE) that are now marginally effective due to obsolescence or to the unavailibility of associated logistics support. As a consequence, a logistically supportable replacement item must be designed and produced. This budget sub-line provides replacement of PSE support for out-of-production aircraft requirements only.

In addition, this sub-line provides for the completion of the design and production of (1) certain PSE items that were not funded during the production phase of the weapon system, and (2) modifications to out-of-production aircraft PSE to extend its useful service life.

NAVAIR is responsible for the design and initial production of the items cited above. When each is fully qualified, the Naval Inventory Control Point will assume material management responsibility for the item.

^{*} Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

WEAPONS SYSTEM COST ANALYSIS

P-5

Appropriation/Budget Activity
AIRCRAFT PROCUREMENT, NAVY BA/7

ID Code P-1 Item Nomenclature

DATE: February 1998

COMMON GROUND EQUIPMENT - 47C2

HEADQUARTERS MANAGED SUPPORT EQUIPMENT

			Prior							-		(Total cost in	thousands o	of dollars)		_		
COST		ID	Years		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
CODE	Element of Cost	CODE	Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
	Design/initial production of new items of PSE required to replace existing obsolescent PSE items.	N/A		N/A		\$ 8,096	N/A		\$ 3,505	N/A		\$ 185	N/A		\$ 873	N/A		\$ -
	2. Design/initial production of new items for PSE required to complete or augment existing fleet site outfitting.	N/A		N/A		\$ 1,532	N/A		\$ 25	N/A		\$ -	N/A		\$ -	N/A		2,772
	3. Modification to existing PSE.	N/A		N/A		\$ 925	N/A		\$ 647	N/A		\$ 1,040	N/A		\$ 1,087	N/A		\$ 25
	4. Production Engineering.	N/A		N/A		\$ 2,847	N/A		\$ 1,734	N/A		\$ 1,703	N/A		\$ 1,492	N/A		\$ 1,300
	TOTAL					\$ 13,400			\$ 5,911			\$ 2,928			\$ 3,452			\$ 4,097

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P-1 Shopping List
OLASSIFICATION:
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WEAPONS SYSTEM COST ANALYSIS

P-5

Appropriation/Budget Activity
AIRCRAFT PROCUREMENT, NAVY BA/7

ID Code P-1 Item Nomenclature
COMMON GROUND EQUIPMENT - 47C2

DATE: February 1998

HEADQUARTERS MANAGED SUPPORT EQUIPMENT

														To	
COST			FY 2000			FY 2001			FY 2002			FY 2003		Complete	Total
CODE	Element of Cost	Qty	Unit Cost	Total Cost	Costs	Costs									
	Design/initial production of new items of required to replace existing obsolescent PSE items.			\$ 1,415	N/A		\$ 900	N/A		\$ 1,028			\$ 1,760		
	Design/initial production of new items for required to complete or augment existing flee site outfitting.			\$ 100	N/A		\$ 200	N/A		0	N/A		0		
	3. Modification to existing PSE.	N/A		\$ 900	N/A		\$ 600	N/A		\$ 700	N/A		\$ 1,065		
	4. Production Engineering.	N/A		\$ 1,200	N/A		\$ 1,300	N/A		\$ 1,300	N/A		\$ 1,400		
	TOTAL			\$ 3,615			\$ 3,000			\$ 3,028			\$ 4,225		Cont'd

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For Page No:

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CLASSIFICATION:
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			BUDGE1	TITEM JUST	TIFICATION	SHEET				DATE:			
					P-4	10						Februa	ry 1998
APPROPRIATION/BUI	DGET ACTIVI	TY						P-1 ITEM NO	MENCLATURE				
Aircraft Procurem	ent, Navy							C	ONSOLIDAT	ED AUTOM	ATED SUPP	PORT SYST	EM
Program Element for C	ode B Items:							Other Related	Program Elem	nents			
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY		_	58	44	44	41	50	50	61	47	48		CONT
		A	30		44	41	30	30	01	47	40		CONT
COST													
(In Millions)	*		\$159.230	\$111.644	\$103.989	\$ 99.319	\$108.166	\$106.292	\$114.445	\$116.700	\$119.545		CONT

Program Coverage: This budget funds the procurement of computer assisted, multi-functional Automated Test Equipment based on standardized hardware and software elements. The Consolidated Automated Support System (CASS) design incorporates easily reconfigurable modules which can address varying test requirements (i.e., electro-optical, radio frequency, laser, infrared, inertial guidance, etc.) and also permits modifications to meet the demands of future technologies.

Justification: The CASS program increases weapon system material readiness, reduces life cycle costs through standardization, improves tester sustainability at depot and intermediate maintenance levels, and provides Navy-wide test capability for existing and future avionics systems. CASS increases repair facility throughput capability, reduces spare parts and personnel training requirements, and significantly reduces the space required for avionics testing aboard space critical aircraft carriers (CV/CVN's) and Landing Helicopter Dock ships (LHD's).

Current and budget year requirements (FY 98 and 99/00) are needed for CASS introduction in support of the following new and transitioning systems:

New: AMRAAM, AN/ALQ-126B SRAs, T-45 TS, JTIDS WRAs, ATARS, AV-8BII+, E-2C AN/ASW-50, EA-6B UEU, F-14B/D COMMON, HARM, AN/ALE-50, F-18 E/F, F-18 E/F FADEC, SHIPBOARD CEC.

Also pursuing several CLASS I ECPs generated thru the CASS P3I program to permit systematic insertion of new technology into the CASS to meet advances in weapon system avionics and testing technology.

Transitioning: USM-247(V) VAST (F-14/S-3), USM-470(V)2, TMV (F-14), APM-438/457(S-3), ASM-614 ESTS (S-3, H-60,EA-6B), AAM-60 EOSTS (S-3), USM-403 HATS (S-3), USM-470(V)1 MV (F/A-18), APM-446 RSTS (F/A-18, AV-8B), USM-604 EETS (AV-8B), USM-484 HTS (AV-8B), AWM-23 RFTS (F-14), OJ-615 TTS (EA-6), USM-429VI, CAT IIID (multi A/C), USM-686, IATS (F/A-18).

Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

P-1 SHOPPING LIST

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	В	UDGET IT	TEM JUSTIFI	CATION SH	EET FOR A	GGREGATE	D ITEMS			DATE:			
				P-40)a						ebruary 199	8	
APPROPRIATION/BUD	GET ACTI	VITY						P-1 ITEM NON	MENCLATURE				
Aircraft Procureme	ent, Navy	/						C	ONSOLIDAT	TED AUTON	IATED SUPI	PORT SYTE	M
Procurement Items	ID Code	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total
CASS	А												
QTY			58	44	44	41	50	50	61	47	48		CONT
COST			\$96,302	51,956	55,089	49,867	63,419	62,000	76,332	61,301	60,705		CONT
EO+ SUB SYSTEM													
QTY				9	6	9	7	4	4	3	4		CONT
COST				18,921	9,695	12,600	11,312	6,464	6,464	4,848	6,464		CONT
CTS													
QTY				3	2								5
COST				4,622	5,492								
										•			
OTHER COSTS			\$62,928	\$36,145	\$33,713	\$36,852	\$33,435	\$37,828	\$31,649	\$50,551	\$52,376		CONT
TOTAL			159,230	111,644	103,989	99,319	108,166	106,292	114,445	116,700	119,545		CONT
DD Form 2454 JUN 96						D-1 SHODDIN	IO LIOT		CI ASSIFICAT	IONI			

DD Form 2454, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

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UNCLASSIFIED

	WEAPONS SYSTEI		T ANALYSIS	3					Weapon Syst	tem							DATE: Februa	ry 1998
	PRIATION/BUDGET ACTIVITY ft Procurement, Navy/BA-7									ID Code	P-1 ITEM NOM				RT SYSTEM	(47C2)		
			TOTAL COST	IN TH	OUSANDS (OF DOLLARS			"		1					,		
COST	ELEMENT OF COST	ID Code	Prior Years		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
	CONSOLIDATED AUTOMATED SUPPORT SYSTEMS (CASS)																	
	Hardware Costs EOSS+ Ancillary Equipment Contractor Management Common Test Set ECP	A		58	1,660	96,302 0 1,982 5,392 9,500	9	1,180 2,102 1,440	51,956 18,921 720 1,574 4,622 4,943	44 6 2	1,252 1,616 1,440	55,089 9,695 909 1,600 5,492 1,428	9	1,216 1,400			1,268 1,616	
	Support Costs: ILS Support-of-Support TPS Equipment Installation Cost Production Support					17,911 14,000 7,451 6,692			16,855 0 5,322 6,731			19,758 0 3,538 6,480			16,643 4,702 5,386 6,442			18,42; 5,23(6,09(
	M 2446, JUN 86		HOPPING LIS	58		159,230	56		111,644	52	2	103,989	50		99,319 CLASSIFICAT			108,16

DD FORM 2446, JUN 86 P-1 SHOPPING LIST ITEM NO.

PAGE NO. 65

UNCLASSIFIED

WI	EAPONS SYSTEM COST ANALYSIS						Weapon Sys	stem						DATE:	
	P-5 PRIATION/BUDGET ACTIVITY ft Procurement, Navy/BA-7							ID Code		OMENCLATU			PORT SYST	(47C2)	February 1998
										IDATED AL	JIOMA		ORISISI		
COST CODE	ELEMENT OF COST		FY 2000			FY 2001			FY 2002			FY 2003		To Complete Costs	Total Costs
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost		_
	CONSOLIDATED AUTOMATED SUPPORT SYSTEMS														
	Hardware Costs EOSS+ Ancillary Equipment Contractor Management Common Test Set ECP	50 4	1,240 1,616	62,000 6,464 217 1,115 0 1,600	61 4	1,251 1,616	76,332 6,464 115 1,140 0 1,600	47 3	1,304 1,616		48 4	1,264 1,616			CONT
	Support Costs: ILS Support-of-support TPS Equipment Installation Cost Production Support			17,894 2,752 7,438 6,812			15,731 0 6,052 7,011			26,442 4,772 5,898 7,574			27,037 4,889 5,018 7,741		
DD FOR!	M 2446, JUN 86	54		106,292	65		114,445	50		116,700	52		119,545 CLASSIFICA	TION:	

ITEM NO. 50 PAGE NO.

BUDGET PROCURE	MENT HISTO	ORY AND	PLANNING EXHIB	BIT (P-5A)		Weapon System		A. DATE	Februa	ry 1998
B. APPROPRIATION/BUDG	ET ACTIVITY				C. P-1 ITEM NON	MENCLATURE		II.	SUBHEAD	.,
Aircraft Procure		//BA-7				d Automated Support S	Systems			C2
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABLE
LOT 71997	44	1,252	NAVAIR	2/97	FFP OPT	LOCKHEED MARTIN ORLANDO,FL	4/97	7/98	YES	
LOT 81998	41	1,216	NAVAIR	1/98	FFP OPT	LOCKHEED MARTIN ORLANDO,FL	2/98	7/99	YES	
LOT 91999	50	1,268	NAVAIR	1/99	FFP OPT	LOCKHEED MARTIN ORLANDO, FL	2/99	7/00	YES	
D. REMARKS										

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST ITEM NO. 50 PAGE NO. 67

Exhibit P-20, Requireme	ents Study			PROPRIATION/BU			DA		-h
D 4 ITEM NOMENOLATUD				CRAFT PROCURE			I deline	Г	ebruary 1998
P-1 ITEM NOMENCLATUR		_	Admin Le	eadtime (after Oct1	1):	Prod	Leadtime :		
CONSOLIDATED AUTO	MATED SUPPORT SYSTEM	l		4 MONTHS	T			17 MONTHS	ı
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		44	44	41	50	50	61	47	48
Unit Cost		1,180	1,252	1,216	1,268	1,240	1,251	1,304	1,264
Total Cost		51,956	55,089	49,867	63,419	62,000	76,332	61,301	60,705
Asset Dynamics									
Beginning Asset Position		196	264	312	356	397	443	494	547
Deliveries from all prior yea	r funding LOTS 4-5-6	68	48	32					
Deliveries from FY 1997 fur				12	32				
Deliveries from FY 1998 fur	nding				9	32			
Deliveries from FY 1999 fur	nding					14	36		
Deliveries from subsequent	years' funding						15	53	55
Other Gains	-								
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attri	tions/etc.								
End of Year Asset Positio	on	264	312	356	397	443	494	547	602
Inventory Objective or Curre	ent Authorized Allowance	688	688	688	688	688	688	688	688
Inventory Objective	Actual Training	Other than Train	ning	Disposals		Vehicles Eligible	e for	Aircraft:	
688	Expenditures	Usage		(Vehicles/Other))	FY 1998 Replac		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replac	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmer	nt:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

P-1 SHOPPING LIST CLASSIFICATION:
ITEM NO. 50 PAGE NO. 68

FY 1998/99 BUDGET PRODUC			EDULF	Ξ, P-2′	1							_						DATE	i				Feb	o-98						
APPROPRIATION/BUDGET ACT		<i>[</i>										,	Wea	apor	Sys	stem)		ITE		OMI	ENC	LAT	(UR	Ē					
Aircraft Procurement, Na	vy																		CASS											
							Prod	duct	ion [Rate	;				Pro	cure	mer	nt Le	adtir	nes										
		Mar	nufactu	ırer's				1				AL	T Pr	rior	AL	T Af	fter	I	nitia	I	R	eord	ler					Un	it of	
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CASS CONFIGURATIONS	LOC	KHEE	D MAF	RTIN			2		10							4			17											
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LOT 7/LMC	97	N	44									Α															4	4	4	32
LOT 8/LMC	98	N	41																			Α								
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LOT 7/LMC	97	N	44	12	32	4	3	3	3	4	4	4	4	3																-
LOT 8/LMC	98	N	41	12	32			3		-	-	-	-	3	3	3	3	3	3	3	3	4	4	4	4	4				
LOT 9/LMC	99	N	50							Α										Ť					-		5	5	4	36
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FY 1998/99 BUDGET PRODUCT	TION	SCHE	<u>:DUL</u> F	<i>≟</i> , P-2′	1													DATE						uary		8				
APPROPRIATION/BUDGET ACT Aircraft Procurement, Nav		,										\	Wea	apor	n Sys	stem		P-1	ITE	ΜN	OM	ENC	LAT	ΓUR	E					
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		С	Υ	L	L	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	L
LOT 9/LMC	99		50	14	36	4	4	4	4	4	4	4	4	4																
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DD Form 2445, JUL 87

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Previous editions are obsolete

P-1 SHOPPING LIST

ITEM NO 50 PAGE 70

Exhibit P-20, Requireme	ents Study		API	PROPRIATION/BU	DGET ACTIVITY	/	DA	TE:	
			AIR	CRAFT PROCUREN	IENT, NAVY/BA-7	•		Febr	uary 1998
P-1 ITEM NOMENCLATUR	E		Admin Le	eadtime (after Oct1)):	Prod	Leadtime :		-
CASS E0+ SUBSYSTEM				6				16	
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		9	6	9	7	4	4	3	4
Unit Cost		2,102	1,616	1,400	1,616	1,616	1,616	1,616	1,616
Total Cost		18,921	9,695	12,600	11,312	6,464	6,464	4,848	6,464
Asset Dynamics									
Beginning Asset Position				1	10	18	31	35	39
Deliveries from all prior year	r funding		1	8					
Deliveries from FY 1997 fun				1	5				
Deliveries from FY 1998 fun	ıding				3	6			
Deliveries from FY 1999 fun	nding					7	0		
Deliveries from subsequent	years' funding						4	4	3
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit	tions/etc.								
End of Year Asset Position	n	0	1	10	18	31	35	39	42
Inventory Objective or Curre	ent Authorized Allowance	49	49	49	49	49	49	49	49
Inventory Objective	Actual Training	Other than Train	ing	Disposals		Vehicles Eligible	e for	Aircraft:	
49	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replac	ement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible	for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replac	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmer	nt:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	

P-1 SHOPPING LIST CLASSIFICATION:

FY 1998/99 BUDGET PRODUC	TION	SCHE	DULF	Ξ, P-2′	1													DATE			•	Janu	Jary	199	8					
APPROPRIATION/BUDGET ACTION OF THE PROCUREMENT,	TIVITY	Y										,	Wea	apor	·				ITEI		IOM									
							Prod	duct	ion [Rate	,				Pro	cure	mer	nt Le	adtir	nes										
Item		Man Name	nufactu and L		on .	MS	SR	1-{	8-5	MA	AX		T Pr			T Af			Initia fg PL			eord			Tota	ıl			nit of	
CASS EO+	LOC	KHEEI RICU	D MAF	RTIN			1				1					6			16											
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ITEM / MANUFACTURER	F	S	Q	D	В		1996		F	ISCAL	_ YEA		97 CALEN	IDAR	YFAF	199	7					FISC	CAL YI	EAR LEND		FAR 1	998			
TEM, MARGINGTONER	Y	, C	T Y	E	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U V	J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	JUN	J U L	A U G	S E P	B A L
LRIP #2/LMC	97		6	1	5																								1	5
										FISC	CAL YE	EAR	1999									FISC	CAL YI	EAR	2000					
ITEM / MANUFACTURER	F	S	Q	D	В		1998		1			C	CALEN	IDAR	YEAF	₹ 199	9							LEND		EAR 2	:000			
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	JUZ	J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	JUL	A U G	S E P	B A L
LRIP#2 FRP/LMC (SS) FRP/LMC (COMP) FRP/TBD#2	97 98 98 99		6 6 3 7	1 6 3 7	5 0 0	1	1	1	1	1					1	1	1	1 1	1	1 1	1	1	1	1	1	1	1	1		
Remarks:																														

DD Form 2445, JUL 87

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Previous editions are obsolete

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UNCLASSIFIED CLASSIFICATION:

FY 1996 3 1440 4622		CRAFT PROCURE Padtime (after Oct 6 FY 1998 1 1 2			Leadtime : FY 2001	Febr 24 MONTHS FY 2002	FY 2003
3 1440	FY 1997 2 1440	FY 1998	FY 1999**	Prod			FY 2003
3 1440	2 1440	FY 1998	3	FY 2000	FY 2001		FY 2003
3 1440	2 1440	1	3	FY 2000	FY 2001	FY 2002	FY 2003
3 1440	2 1440	1	3	FY 2000	FY 2001	FY 2002	FY 2003
1440	1440						
4622	5492						
			2				
		2					
0	0	3	5				
5	5	5	5				
Other than Trai	ning	Disposals				Aircraft:	
Usage		(Vehicles/Othe	r)			TOAI:	
FY 1996 thru		FY 1996 thru		Vehicles Eligible	for	PAA:	
XXXXX:		XXXXX:		FY 1999 Replac	ement:	TAI	
				Vehicle Augmer	nt:	Attrition Res:	
FY 1994:		FY 1994:				BAI	
FY 1993:		FY 1993:				Inactive Inv:	
						Storage:	
	5 Other than Trai Usage FY 1996 thru XXXXX: FY 1995: FY 1994:	5 5 Other than Training Usage FY 1996 thru XXXXX: FY 1995: FY 1994:	5 5 5 Other than Training Usage (Vehicles/Othe FY 1996 thru XXXXX: FY 1995: FY 1994: FY 1994:	5 5 5 5 5 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5	5 5 5 5 Other than Training Disposals Vehicles Eligible Usage (Vehicles/Other) FY 1998 Replace FY 1996 thru Vehicles Eligible XXXXX: XXXXX: FY 1999 Replace FY 1995: FY 1995: Vehicle Augmer FY 1994: FY 1994:	5 5 5 5 Other than Training Usage Disposals (Vehicles/Other) Vehicles Eligible for FY 1998 Replacement: FY 1996 thru XXXXX: FY 1996 thru Vehicles Eligible for XXXXX: FY 1999 Replacement: FY 1995: FY 1995: Vehicle Augment: FY 1994: FY 1994:	5 5 5 5 Aircraft: Usage (Vehicles/Other) FY 1998 Replacement: TOAI: FY 1996 thru FY 1996 thru Vehicles Eligible for PAA: XXXXX: XXXXX: FY 1999 Replacement: TAI FY 1995: FY 1995: Vehicle Augment: Attrition Res: FY 1994: FY 1994: BAI

P-1 SHOPPING LIST CLASSIFICATION: ITEM NO. 50 PAGE NO. 73

UNCLASSIFIED

			BUDGET	ITEM JUST	IFICATION	SHEET				DATE:			
				P-4	10						Februa	ıry 1998	
APPROPRIATION/BU	JDGET ACTIVI	TY					P-1 ITEM NOI	MENCLATURE					
Aircraft Procureme	ent, Navy B	A-7					Comr	non Ground	Equipment.	Aviation Mob	oile Facilities	/47C2	
Program Element for	Code B Items:						Other Related	Program Elem	nents				
									_				_
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST (In Millions)	*		6.141	6.430	0.703	7.235	7.287	5.168	5.050	5.148	5.274	Cont	Cont

Program Description:

Mobile Facilities (MFs) budgeted in this sub-line consist of basic equipment: 8'X8'X20' shelters, Modular Rigid Wall Shelters, Environmental Control Units, Mobile Electrical Power generators, Short Distance Mobilizes, 60HZ Frequency Converters, Power Distribution Boxes, power cables, spreader bars, stacking blocks, scaffolds, slings, caster jacks, lashes and buckles. NAVAIR acts as the Primary Inventory Control Activity (PICA) for multi-service procurement of NAVAIR Mobile Facilities and related ancillary equipment.

Program Coverage:

The requirement for this equipment is directed toward fulfilling Navy and Marine Corps Aviation requirements. The basic concept is to provide containerized aviation logistics support to the operational commander that can be rapidly deployed by all transportation modes to any location in the world. Operationally, the MFs provide the Navy and Marine Corps with a quick response stand-alone capability to meet worldwide operational commitments. Economically, the MFs eliminate the need for "brick & mortar" construction.

Justification:

This sub-line will meet the ultimate goal of housing all Marine Corps Aviation intermediate-level logistics support in MFs in accordance with the Table of Basic Allowance for Fleet Marine Forces Aviation Units and fulfill specific Navy Aviation mobile logistics requirements as outlined in individual Weapon System Planning Documents (WSPDs).

P-1 SHOPPING LIST

CLASSIFICATION:

50 74

DD Form 2454, JUN 86

Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

UNCLASSIFIED

	В	UDGET IT	EM JUSTIFI			GGREGATE	D ITEMS			DATE:	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		
APPROPRIATION/BUD	GET ACTI	IVITV		P-40	Ja			P-1 ITEM NON	∕ENCLATURE		Februai	ry 1998	
											viotion Mobil	la Casilitiaa	(4700)
Aircraft Procuremen	i, navy	Prior	(\$M)	(\$M)	(\$M)	(\$M)	(\$M)	(\$M)	(\$M)	=quipment A (\$M)	viation Mobi	To	(47C2) (\$M)
Procurement Items	Code	Years	(\$101) FY 1995	(\$101) FY 1996	(ΦΙΝΙ) FY 1997	(ΦΙΝΙ) FY 1998	(ֆԽ) FY 1999	(\$IVI) FY 2000	(ຈຸເທ) FY 2001	(ΦΙΝΙ) FY 2002	(\$IVI) FY 2003	Complete	(ֆ۱۷۱) Total
Basic Van Type A	Oode	rours	1 1 1000	1 1 1000	1 1 1007	1 1 1000	1 1 1000	1 1 2000	1 1 2001	1 1 2002	1 1 2000	Complete	Total
Quantity	Α		30	30	0	53	53	35	35	35	35	Cont	Cont
Funding	1		0.99	0.99	0	1.85	1.85	1.222	1.222	1.222	1.258		00
2. Basic Van Type B	Α		0.00	0.00							200		
Quantity	1		75	75	0	46	46	30	30	30	30	Cont	Cont
Funding			2.528	2.528	0	1.72	1.72	1.122	1.122	1.122	1.155		00
3. Side Open Van A	Α				-								
Quantity			23	23	0	24	24	16	16	16	16	Cont	Cont
Funding			0.719	0.719	0	0.826	0.826	0.551	0.551	0.551	0.567		
4. Side Open Van B	Α												
Quantity			17	17	0	24	24	16	16	16	16	Cont	Cont
Funding			0.527	0.527	0	0.852	0.852	0.568	0.568	0.568	0.585		
5. Integration Van	Α												
Quantity			0	0	0	26	26	15	15	15	15	Cont	Cont
Funding			0	0	0	0.913	0.913	0.527	0.527	0.527	0.543		
6. Environ Cntrl	Α												
Quantity			0	400	0	100	0	220	220	220	220	Cont	Cont
Funding			0	0.72	0	0.18	0	0.396	0.396	0.396	0.408		
7. Power Cables	Α												
Quantity			247	26	12	39	121	38	40	18	14	Cont	Cont
Funding			0.247	0.026	0.012	0.039	0.121	0.038	0.04	0.018	0.014		
8. Short Dist Mob	Α												_
Quantity			0	4	4	4	4	3	0	3	3	Cont	Cont
Funding			0	0.16	0.16	0.16	0.16	0.12	0	0.12	0.12		
	L											•	
9. Other Costs	NA		1.13	0.76	0.531	0.695	0.845	0.624	0.624	0.624	0.624	Cont	Cont
Total P-1 Funding			6.141	6.430	0.703	7.235	7.287	5.168	5.050	5.148	5.274	Cont	Cont
Total F-11 unullig			0.141	0.430	0.703	7.233	1.201	3.100	3.030	3.140	3.274	Cont	Cont
·				-	-	P-1 SHOPPII	JC LIST	-	CLASSIFICAT	ION:			

DD Form 2454, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

TEM NO. 50 75

	WE	EAPONS SY	STEM COST	ANALYS	IS				Weapon Sy	/stem							DATE:	
			P-5							Aviation Mo	bile Faciliti	es					Febru	ary 1998
	PRIATION/BUDGET ACTIVITY								ID Code	P-1 ITEM NO	MENCLAT	JRE/SUBHE	4D					
Aircraf	t Procurement, Navy BA-7																	
									Α	Common	Ground E	quipment	Aviation	Mobile Fa	cilities/470	22		
			TOTAL COS	T IN THOUS	SANDS OF	DOLLARS												
COST	ELEMENT OF COST	ID	Prior		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
CODE		Code																
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
70500	Basic Van Type A	А		30	33	990	30	33	990	0	0	0	53	34.9	1850	53	34.9	1850
70500	2. Basic Van Type B	Α		75	33.7	2528	75	33.7	2528	0	0	0	46	37.4	1720	46	37.4	1720
70500	3. Side Opening Van Type A	Α		23	31.3	719	23	31.2	719	0	0	0	24	34.4	826	24	34.4	820
70500	4. Side Opening Van Type B	A		17	31	527	17	31	527	0	0	0	24	35.5	852	24	35.5	852
70500	5. Integration Van	A		0	0	0	0	0	0	0	0	0	26	35.1	913	26	35.1	913
70500	Environmental Control Units (3T) Power Cables	A		0	0	0	400	1.8	720	0	0	0	100	1.8	180	0	0	(10)
70500 70500	Power Cables Short Distance Mobilizers	A		247 0	0	247 0	26 4	1 40	26 160	12 4	40	12 160	39 4	1 40	39 160	121 4	40	12 ²
70500 70500	Short distance Mobilizers Publications	A NA		2	100	200	4	100	100	0	0	160	0	40	0	4	150	150
70500	10. Logistic/Engineering Support	NA NA		0	600	600	0	400	400	0	340	340	0	400	400	0	400	400
70500	11. Logistic/Production Support	NA NA		0	300	300	0	240	240	0	191	191	0	280	280	0	280	280
70500	12. Drafting/Tooling	NA NA		0	30	30	0	20	20	-	0	0	0	15	15	0	15	15
			0			6,141			6,430)		703			7,235			7,28
DD FOR	M 2446, JUN 86	P-1 SF	IOPPING LIST	•		•,	1	l	, 0,.00	- 1	l		l	1	CLASSIFICA		1	,_0

ITEM NO. 50 PAGE NO. 76

UNCLASSIFIED

	WEAPONS S	YSTEM COST	ANALYSIS	3			Weapon Sy	stem							DATE:		
		P-5						Aviation M	obile Facili	ties					F	ebruary 199	8
	PRIATION/BUDGET ACTIVITY Procurement, Navy BA-7						ID Code A			TURE/SUBHE quipment <i>A</i>		obile Facil	lities/47C2				
COST	ELEMENT OF COST		FY 2000			FY 2001			FY 2002			FY 2003		To Co	omplete	Т	otal
CODE		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
70500 70500 70500 70500 70500 70500 70500 70500 70500 70500 70500	1. Basic Van Type A 2. Basic Van Type B 3. Side Opening Van Type A 4. Side Opening Van Type B 5. Integration Van 6. Environmental Control Units (3T) 7. Power Cables 8. Short Distance Mobilizers 9. Publications 10. Logistic/Engineering Support 11. Logistic/Production Support 12. Drafting/Tooling	35 30 16 15 220 38 3 0 0	34.9 37.4 34.4 35.5 35.1 1.8 1 40 0 400 220 4	1222 1122 551 568 527 396 38 120 0 400 220 4	35 30 16 16 15 220 40 0 0 0	34.9 37.4 34.4 35.5 35.1 1.8 1 0 400 220 4	1222 1122 551 568 527 396 40 0 400 220 4	35 30 16 16 15 220 18 3 0 0	34.9 37.4 34.4 35.5 35.1 1.8 40 0 400 220 4	1222 1122 551 568 527 396 18 120 0 400 220 4	35 30 16 16 15 220 14 3 0 0	35.9 38.5 35.5 36.5 1.8 1 40 0 400 220 4	1258 1155 567 585 543 408 14 120 0 400 220 4	Cont Cont Cont Cont Cont Cont Cont Cont	Cont Cont Cont Cont Cont Cont Cont Cont	Cont Cont Cont Cont Cont Cont Cont Cont	C C C C C C C C C C C C C C C C C C C
		<u>-</u>		5,168			5,050			5,148			5,274		0		
D FOR	M 2446, JUN 86		P-1 SHOPE				0,000	1		0,1.0		1	CLASSIFICA	TION:		1	

ITEM NO. 50 PAGE NO. 77

BUDGET PROCURE	MENT HISTO	DRY AND	PLANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
						Mobile Facilities	3		February 19	998
B. APPROPRIATION/BUDGE	ET ACTIVITY				C. P-1 ITEM NON	MENCLATURE			SUBHEAD	
Aircraft Procurem	ent, Navy E	3A-7			Common Gro	ound Equipment Mobile F	acilites		47C2	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
 Basic Van Type A 										
FY-96	30	33	NAWCADLKE	06-95	C/FP	Gichner Shelter Systems Dallastown, PA	04-96	02-97	Yes	No
FY-98	53	34.9	NAWCADLKE	09-97	C/FP	Unknown	02-98	04-99	Yes	No
FY-99	53	34.9	NAWCADLKE	09-97	C/FP	Unknown	02-99	10-99	Yes	No
2. Basic Van Type B										
FY-96	75	33.7	NAWCADLKE	06-95	C/FP	Gichner Shelter Systems Dallastown, PA	04-96	11-96	Yes	No
FY-98	46	37.4	NAWCADLKE	09-97	C/FP	Unknown	02-98	04-99	Yes	No
FY-99	46	37.4	NAWCADLKE	09-97	C/FP	Unknown	02-99	10-99	Yes	No
3. Side Opening Van A										
FY-96	23	31.2	NAWCADLKE	06-95	C/FP	Gichner Shelter Systems Dallastown, PA	04-96	09-96	Yes	No
FY-98	24	34.4	NAWCADLKE	09-97	C/FP	Unknown	02-98	04-99	Yes	No
FY-99	24	34.4	NAWCADLKE	09-97	C/FP	Unknown	02-99	10-99	Yes	No
4. Side Opening Van B										
FY-96	17	31	NAWCADLKE	06-95	C/FP	Gichner Shelter Systems Dallastown, PA	04-96	10-96	Yes	No
FY-98	24	35.5	NAWCADLKE	09-97	C/FP	Unknown	02-98	04-99	Yes	No
FY-99	24	35.5	NAWCADLKE	09-97	C/FP	Unknown	02-99	10-99	Yes	No
5. Integration Van										
FY-98	26	35.1	NAWCADLKE	09-97	C/FP	Unknown	02-98	04-99	Yes	No
FY-99	26	35.1	NAWCADLKE	09-97	C/FP	Unknown	02-99	10-99	Yes	No

D. REMARKS

Note: Prices are based on previous contracts plus escalation. Quantities and cost are not always proportional. Buys are determined on total DOD procurements.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST ITEM NO. 50 Classification:

UNCLASSIFIED

BUDGET PROCUREM	ENT HISTO	RY AND F	LANNING EXHIBIT	(P-5A)	Weapon System Mobile Facilities A. DATE Februa					
						Mobile Facilities	3		February 19	98
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NOM	ENCLATURE		•	SUBHEAD	
Aircraft Procureme	nt, Navy E	8A-7			Common Gro	und Equipment Mobile Fa	acilites		47	C2
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
6. Environmental Cntrl										
Unit (3T)										
FY-96	400	1.8	NAWCADLKE	09-95	C/FP	Environmental Systems Jacksonville, FL	02-96	03-97	Yes	No
FY-98	100	1.8	NAWCADLKE	09-95	C/FP	Environmental Systems Jacksonville, FL	12-97	06-98	Yes	No
7. Power Cables						.,				
FY-96	26	1	PWC Norfolk, VA	02-96	PO	NSC Norflok, VA	02-96	08-96	Yes	No
FY-97	12	1	PWC Norfolk, VA	02-97	PO	NSC Norflok, VA	02-97	08-97	Yes	No
FY-98	39	1	PWC Norfolk, VA	02-98	PO	NSC Norflok, VA	02-98	08-98	Yes	No
FY-99	121	1	PWC Norfolk, VA	02-99	PO	NSC Norflok, VA	02-99	08-99	Yes	No
8. Short Distance Mob										
FY-96	4	40	NAWCADLKE	03-98	C/FP	Unknown	06-98	12-98	Yes	No
FY-97	4	40	NAWCADLKE	03-98	C/FP	Unknown	09-98	03-99	Yes	No
FY-98	4	40	NAWCADLKE	03-98	C/FP	Unknown	01-99	07-99	Yes	No
FY-99	4	40	NAWCADLKE	03-98	C/FP	Unknown	04-00	10-00	Yes	No
										ļ
										ļ

D. REMARKS

Note: Power Cable Item comprised of 18 differnet cables, cost range \$700-\$1300 each.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST ITEM NO. 50 Classification:

PAGE NO. 79

Exhibit P-20, Requireme	nts Study		AP	PROPRIATION/BUD	GET ACTIVITY		D	ATE:	
			Air	craft Procurement, Na	avy BA-7			February	1998
P-1 ITEM NOMENCLATUR	E		Admin Lea	adtime (after Oct1):		Prod	Leadtime :		
Aviation Mobile Facility	Basic Van Type A			4 Mo.			17 Mo.		
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		30	0	53	53	35	35	35	35
Unit Cost		33	0	34.9	34.9	34.9	34.9	34.9	35.9
Total Cost		990	0	1850	1850	1222	1222	1222	1258
Asset Dynamics									
Beginning Asset Position		1876	1876	1906	1906	1959	2012	2082	2082
Deliveries from all prior year	funding		30						
Deliveries from FY 1997 fun	ding								
Deliveries from FY 1998 fun	ding				53				
Deliveries from FY 1999 fun	ding					53			
Deliveries from subsequent	years' funding						70		70
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit	ions/etc.								
End oy Year Asset Positio	n	1876	1906	1906	1959	2012	2082	2082	2152
Inventory Objective or Curre	ent Authorized Allowance	2300	2300	2300	2300	2300	2300	2300	2300
Inventory Objective	Actual Training	Other than Traini	ng	Disposals		Vehicles Eligible f	or	Aircraft:	
2300	Expenditures	Usage		(Vehicles/Other)	0	FY 1998 Replace	ment: 176	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible f	or	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:	0	FY 1999 Replace	ment: 0	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:	0	Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:	0			BAI	
Other:	FY 1993:	FY 1993:		FY 1993:	0			Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

Remarks:

P-1 SHOPPING LIST

CLASSIFICATION:

	APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7					DATE: February 1998		
				ivy BA-7	December	Lasadicas	February	1998
		Admin Lea	adtime (after Oct1):		Prod	Leadtime :		
Basic Van Type B			4 Mo			17 Mo.		1
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
	75	0	46	46	30	30	30	30
	33.7	0	37.4	37.4	37.4	37.4	37.4	38.5
	2528	0	1720	1720	1122	1122	1122	1155
	2132	2132	2207	2207	2253	2299	2359	2359
unding		75						
ing								
ing				46				
ing					46			
ears' funding						60		60
<u> </u>		2207	2207	2253		2359	2359	2419
		2500	2500	2500		2500	2500	2500
S	Other than Trainir	ng						
	Usage			0	FY 1998 Replace	ment: 123		
					Vehicles Eligible f	or	PAA:	
XXXXX:	XXXXX:		XXXXX:	0			TAI	
				0	Vehicle Augment:			
FY 1994:				0			BAI	
FY 1993:	FY 1993:		FY 1993:	0			Inactive Inv:	
							Storage:	
	ing ing ing ears' funding ears' funding ens/etc. t Authorized Allowance Actual Training Expenditures FY 1996 thru XXXXX: FY 1995:	FY 1996 75 33.7 2528 2132 unding ing ing ing ears' funding ears' funding the state of the st	FY 1996 FY 1997 75 0 33.7 0 2528 0 2132 2132 unding 75 ing ing ing ing ing ing ing ing ing ing	FY 1996 FY 1997 FY 1998 75 0 46 33.7 0 37.4 2528 0 1720 2132 2132 2207 unding 75 ing 75	FY 1996 FY 1997 FY 1998 FY 1999 75 0 46 46 33.7 0 37.4 37.4 2528 0 1720 1720 2132 2132 2207 2207 unding ing ing ing ing ing ing ing ing ing	FY 1996 FY 1997 FY 1998 FY 1999 FY 2000 75 0 46 46 30 33.7 0 37.4 37.4 37.4 37.4 2528 0 1720 1720 1122 2132 2132 2207 2207 2253 unding 75 ing 46 46 ing 46 46 ing 46 46 ing 46 46 ing 46 46 ing 46 46 ing 46 46 ing 46 46 ing 46 46 ing 46 46 ing 47 46 ing 48 46 ing 49 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 40 46 ing 41 46 ing 42 50 50 50 50 50 50 50 50 50 50 50 50 50	FY 1996 FY 1997 FY 1998 FY 1999 FY 2000 FY 2001 75 0 46 46 30 30 30 33.7 0 37.4 37.4 37.4 37.4 37.4 2528 0 1720 1720 1122 1122 2132 2132 2207 2207 2253 2299 unding 75 ing 46 ears' funding 46 ears' funding 46 ears' funding 60 TACLUMENT AND ALLOW A 100 A 1	FY 1996

Remarks:

P-1 SHOPPING LIST

CLASSIFICATION:

Exhibit P-20, Requireme	ents Study			PROPRIATION/BUD	-		DA	TE: February	1009
P-1 ITEM NOMENCLATUR				adtime (after Oct1):	ivy bA-1	Prod	Leadtime :	rebiuary	1990
	Side Opening Van Type A		, tarriiri Ecc	4 Mo.		1100	17 Mo.		
Aviation Mobile Facility	Side Opening van Type A	1		4 1010.			17 1010.		<u> </u>
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		23	0	24	24	16	16	16	16
Unit Cost		31.2	0	34.4	34.4	34.4	34.4	34.4	35.4
Total Cost		719	0	826	826	551	551	551	567
Asset Dynamics									
Beginning Asset Position		346	346	369	369	393	417	449	449
Deliveries from all prior year	funding		23						
Deliveries from FY 1997 fun	ding								
Deliveries from FY 1998 fun	ding				24				
Deliveries from FY 1999 fun	ding					24			
Deliveries from subsequent	years' funding						32		32
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit	ions/etc.								
End oy Year Asset Positio	n	346	369	369	393	417	449	449	481
Inventory Objective or Curre	ent Authorized Allowance	700	700	700	700	700	700	700	700
Inventory Objective	Actual Training	Other than Training	ng	Disposals		Vehicles Eligible f		Aircraft:	
700	Expenditures	Usage		(Vehicles/Other)	0	FY 1998 Replace		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible f	or	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:	0	FY 1999 Replace	ment: 0	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:	0	Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:	0			BAI	
Other:	FY 1993:	FY 1993:		FY 1993:	0			Inactive Inv:	
TOTAL:		-	·					Storage:	
Remarks:									

Remarks:

P-1 SHOPPING LIST

CLASSIFICATION:

Exhibit P-20, Requireme	nts Study		AP	PROPRIATION/BUD	GET ACTIVITY		D	ATE:	
			Air	craft Procurement, Na	avy BA-7			February	1998
P-1 ITEM NOMENCLATURE			Admin Lea	adtime (after Oct1):		Prod	Leadtime :		
Aviation Mobile Facility	Side Opening Van Type B			4 Mo.			17 Mo.		1
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		17	0	24	24	16	16	16	16
Unit Cost		31	0	35.5	35.5	35.5	35.5	35.5	36.5
Total Cost		527	0	852	852	568	568	568	585
Asset Dynamics									
Beginning Asset Position		288	288	305	305	329	353	385	385
Deliveries from all prior year	funding		17						
Deliveries from FY 1997 fund									
Deliveries from FY 1998 fund	ding				24				
Deliveries from FY 1999 fund	ding					24			
Deliveries from subsequent	years' funding						32		32
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attriti									
End oy Year Asset Position		288	305	305	329	353	385	385	417
Inventory Objective or Curre	nt Authorized Allowance	700	700	700	700	700	700	700	700
Inventory Objective	Actual Training	Other than Traini	ng	Disposals		Vehicles Eligible f		Aircraft:	
700	Expenditures	Usage		(Vehicles/Other)	0	FY 1998 Replace		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible f		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:	0	FY 1999 Replace		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:	0	Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:	0			BAI	
Other:	FY 1993:	FY 1993:		FY 1993:	0			Inactive Inv:	
TOTAL:								Storage:	

Remarks:

P-1 SHOPPING LIST

CLASSIFICATION:

Exhibit P-20, Requireme	ents Study			PROPRIATION/BUD			D	ATE:	
	_			craft Procurement, Na	ivy BA-7	T		February	1998
P-1 ITEM NOMENCLATUR			Admin Lea	adtime (after Oct1):		Prod	Leadtime :		
Aviation Mobile Facility	Integration Van			4 Mo.			17 Mo.		1
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				26	26	15	15	15	15
Unit Cost				35.1	35.1	35.1	35.1	35.1	36.2
Total Cost				913	913	527	527	527	543
Asset Dynamics									
Beginning Asset Position		716	716	716	716	742	768	798	798
Deliveries from all prior year	funding				-				
Deliveries from FY 1997 fun									
Deliveries from FY 1998 fun	ding				26				
Deliveries from FY 1999 fun	ding					26			
Deliveries from subsequent	years' funding						30		30
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit	ions/etc.								
End oy Year Asset Position	n	716	716	716	742	768	798	798	828
Inventory Objective or Curre	ent Authorized Allowance	901	901	901	901	901	901	901	901
Inventory Objective	Actual Training	Other than Traini	ng	Disposals		Vehicles Eligible f	or	Aircraft:	
901	Expenditures	Usage		(Vehicles/Other)	0	FY 1998 Replace	ment: 95	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible f	or	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:	0	FY 1999 Replace		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:	0	Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:	0			BAI	
Other:	FY 1993:	FY 1993:		FY 1993:	0			Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

Remarks:

P-1 SHOPPING LIST

CLASSIFICATION:

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DD Form 2454, JUN 86

Exhibit P-20, Requireme	ents Study		AP	PROPRIATION/BUDG	SET ACTIVITY			DATE:	
_	-		Air	craft Procurement, Nav	y BA-7			February	1998
P-1 ITEM NOMENCLATUR	E		Admin Lead	dtime (after Oct1):		Prod	Leadtime :		
Aviation Mobile Facility	Environmental Control Ur	nits (3T)		3 Mo.			9 Mo.		
		ì				1			
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		400		100	0	220	220	220	220
Unit Cost		1.8		1.8	0	1.8	1.8	1.8	1
Total Cost		720		180	0	396	396	408	69
Asset Dynamics									
Beginning Asset Position		4637	4637	5437	5537	5537	5387	5677	5527
Deliveries from all prior year	r funding		800						
Deliveries from FY 1997 fun	ding			0					
Deliveries from FY 1998 fun	ding			100					
Deliveries from FY 1999 fun	ding				0				
Deliveries from subsequent	years' funding					0	440	0	440
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit						150	150	150	150
End oy Year Asset Positio		4637	5437	5537	5537	5387	5677	5527	5817
Inventory Objective or Curre		5837	5837	5837	5837	5837	5837	5837	5837
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligible for		Aircraft:	
5837	Expenditures	Usage		(Vehicles/Other)	0	FY 1998 Replaceme		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible for		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:	0	FY 1999 Replaceme	ent: 0	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:	0	Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:	0			BAI	
Other:	FY 1993:	FY 1993:		FY 1993:	0			Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

Remarks:

P-1 SHOPPING LIST CLASSIFICATION:

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UNCLASSIFIED CLASSIFICATION:

Exhibit P-20, Requireme	ents Study			APPROPRIATION/BUD	GET ACTIVITY		DA	TE:	
	-			Airc	raft Procurement, N	avy BA-7		February	1998
P-1 ITEM NOMENCLATUR	E		Admin Le	eadtime (after Oct1):	·	Prod	Leadtime :	•	
Aviation Mobile Facility	Power Cables			4 Mo.			10 Mo.		
7 triation modific radinty			1	1 1110.			10 1110.		
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		26	12	39	121	38	40	18	14
Unit Cost				1	1	1	1	1	1
Total Cost				39	121	38	40	18	14
Asset Dynamics									
Beginning Asset Position		13235	13261	13273	13312	13433	13471	13511	13628
Deliveries from all prior year	funding	26							
Deliveries from FY 1997 fun	ding		12						
Deliveries from FY 1998 fun	ding			39					
Deliveries from FY 1999 fun	ding				121				
Deliveries from subsequent	years' funding					38	40	18	14
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit	ions/etc.								
End oy Year Asset Positio	n	13261	13273	13312	13433	13471	13511	13529	13642
Inventory Objective or Curre	nt Authorized Allowance	15000	15000	15000	15000	15000	15000	15000	15000
Inventory Objective	Actual Training	Other than Training		Dispc 26624		Vehicles Eligible for		Aircraft:	
15000	Expenditures	Usage		(Vehicles/Other)	0	FY 1998 Replacem	ent: 0	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru	0	Vehicles Eligible for	r	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:	0	FY 1999 Replacem	ent:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:	·	FY 1995:	0	Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:	0			BAI	
Other:	FY 1993:	FY 1993:		FY 1993:	0			Inactive Inv:	
TOTAL:								Storage:	
Remarks:					•				•

P-1 SHOPPING LIST CLASSIFICATION:

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Exhibit P-20, Requireme	ents Study		AP	PROPRIATION/BUDG	SET ACTIVITY			DATE:	
	-		Air	craft Procurement, Na	y BA-7			February	1998
P-1 ITEM NOMENCLATUR	E		Admin Lead	Itime (after Oct1):		Prod L	eadtime :	·	
Aviation Mobile Facility	Short Distance Mobilizers	3		9 Mo.			15 Mo.		
,			l .						
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		4	4	4	4	3	0	3	3
Unit Cost			40	40	40	40	0	40	40
Total Cost			160	160	160	120	0	120	120
Asset Dynamics									
Beginning Asset Position		0	0	0	0	12	16	19	22
Deliveries from all prior year	r funding				4				
Deliveries from FY 1997 fun					4				
Deliveries from FY 1998 fun	ding				4				
Deliveries from FY 1999 fun	ding					4			
Deliveries from subsequent	years' funding						3	0	6
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit									
End oy Year Asset Position		0	0	0	12	16	19	19	28
Inventory Objective or Curre	ent Authorized Allowance	59	59	59	59	59	59	59	59
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligible for		Aircraft:	
59	Expenditures	Usage		(Vehicles/Other)	0	FY 1998 Replaceme	nt: 0	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible for		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:	0	FY 1999 Replaceme	nt: 0	TAI	
WRM Rqmt:	FY 1995:	FY 1995:	<u> </u>	FY 1995:	0	Vehicle Augment:	<u> </u>	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:	0			BAI	
Other:	FY 1993:	FY 1993:		FY 1993:	0			Inactive Inv:	
TOTAL:								Storage:	
Ramarke:									

Remarks:

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P-1 SHOPPING LIST CLASSIFICATION:

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			BUDGET	TEM JUSTI	FICATION S	SHEET				DATE:			
				P-40)						Februa	ry 1998	
APPROPRIATION/BUD	GET ACTIVITY	′						P-1 ITEM NO	MENCLATURE	Ē			
Aircraft Procuremen	nt, Navy/Budg	get Activ	ity 7					Common G	round Equip	ment (47C2)) - Training		
Program Element for Co	ode B Items:							Other Related	Program Elen	nents		•	
					_					_	_	_	
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST													
(In Millions)	*		\$55.685	\$57.505	\$59.373	\$53.992	\$68.936	\$97.507	\$71.646	\$66.277	\$71.591	CONT.	CONT.

Common Ground Equipment - Training is sub-divided into the following categories:

General Training Equipment provides for the procurement of training devices, equipment and related modifications/modernizations for programs which provide skills common to more than one system.

<u>Justification of Major Programs</u>: Computer Based Training is a formal, standardized program for in-service (Fleet units) training which will enhance aircraft maintenance training in the schoolhouse. The Strike Fighter Training System provides standardized advanced tactical training to aircrews in fleet squadrons. The Mission Rehearsal program procures TOPSCENE units and upgrades database capabilities to support expanded mission rehearsal training.

Modification/Modernization of Trainers provides for the acquisition of new trainers and the modification/modernization of existing trainers for out-of-production aircraft; including government furnished equipment for these trainers.

<u>Justification of Major Programs</u>: The Aircrew Simulators (WESTPAC) support the USMC squadrons in Japan providing enhanced aircrew training and mission proficiency. The F-14D aircrew simulator modifications provide for the incorporation of aircraft operational flight program changes to increase concurrency with the platform enhancing trainer effectiveness and utilization.

*Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of PY data is not available.

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В	UDGET	ITEM JUS	TIFICATION	SHEET FO	R AGGREG	ATED ITEM	S			DATE:			
				P-40a							Februa	ry 1998	
APPROPRIATION/BUDGET ACTIVITY								P-1 ITEM NO	MENCLATURE				
Aircraft Procurement, Navy/Budget A	Activity 7							Common G	round Equip	ment (47C2)) - Training		
. , ,	IĎ	Prior								, , , , , , , , , , , , , , , , , , ,		То	
Procurement Items	Code	Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
GENERAL TRAINING EQUIPMENT													
Mission Rehearsal -Topscene (S-2H141)													
Quantity			2	4	5	3	5	4	4	4	4		
Fundina			3,037	7,519	3.828	5.075	6.885	8,135	7,982	8.000	8,000		
3. "A" School - IMAT Acoustic Trainer			,	,	,	,	ŕ	,	,	,	,		
Quantity			0	3	2	7	10	0	0	0	0		
Funding			300	1,000	800	1,000	1,538	0	0	0	0		
5. "A" School Canopy Ejection Seat Trainer				1,000	-	.,	1,000				-		
Quantity			0	2	0	0	0	0	0	0	0		
Funding			0	2,100	0	0	0	0	0	0	0		
8. "A" School 6E Series Electrical Trainers													
Quantity			0	0	8	0	0	0	0	0	0		
Funding			0	0	3,180	129	141	0	0	0	0		
11. LSO Trainer (2H111) Block Upgrade													
Quantity			1	0	0	0	0	0	0	0	0		
Funding			3,358	0	0	0	0	0	0	0	0		
14. NiteLab/NVD													
Quantity			0	0	6	7	2		0	0	0		
Funding			329	331	888	945	689	699	748	800	850		
20. NFO School - NAV/COMM Trnr (2B47)					•				•				
Quantity Fundina			0	1 1,826	0	0	0	0	0	0	0		
3			0	1,826	U	٥	U	0	U	U	U		
21. ABH Fire-Fighting Trnrs Quantity			0	0	0	0	0	0	2	7	٥		
Funding			0	0	0	0	0	0	2,195	7,000	7,800		
i dilaling				0	0	٥	0		2,193	7,000	7,300		
OTHER GENERAL TRAINING EQUIPMENT COSTS			11,315	17,516	18,801	24,506	33,915	37,174	34,723	32,176	32,863	CONT.	CONT.

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BU	DGET	TEM JUS	TIFICATION		R AGGREG	ATED ITEM	S			DATE:	F-b	m. 4000	
APPROPRIATION/BUDGET ACTIVITY				P-40a				D-1 ITEM NO	MENCLATURE		Februa	ry 1998	
Aircraft Procurement, Navy/Budget Ac	otivity 7									: ment (47C2)	Training		
All Craft Procurement, Navy/Budget At	ID ID	Prior				I		Common G	Iouria Equip	mem (4702)	- Hailing	То	
Procurement Items MODIF/MODERN OF TRAINERS	Code	Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
23. AH-1W Engine Trainer													
Quantity			0	0	0	1	0	0	0	0	0		
Funding			0	0	0	2,008	0	0	0	0	0		
27. CH-53E WESTPAC APT Mod													
Quantity Funding			0	0 350	0 262	0 287	1 2,724	0 526	0 538	0 10	0 10		
29. CH-46D OFT Block Upg (Rehost)			U	330	202	201	2,724	320	556	10	10		
Quantity			0	0	1	0	0	0	0	0	0		
Funding			0	50	2,962	285	0	0	0	0	0		
30. CH-46E WESTPAC APT Mod/Trn Mod Quantity			0	0	0	0		0	0	0	0		
Funding			0	322	0	231	1 3,691	0	0	0	0		
31. C-130 WESTPAC APT			· ·						Ü				
Quantity			0	0	0	0	0	1	1	0	0		
Funding 33. E-6 Dig Ctrl Loader/Comp Rehost/Mods			0	0	0	0	0	5,389	5,987	0	0		
Quantity Renost/Mods			0	0	0	0	1	2	0	0	0		
Funding			741	125	530	1,200	1,498	6,457	0	0	0		
34. E-6 CPT Upg to OFT Config/FLT Fidelty Upg													
Quantity			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	0	0	0	0	0	0	0		
Funding 37. EA-6B WESTPAC Trainer			4,100	U	U	0	0	U	0	U	U		
Quantity			0	0	0	1	0	0	0	0	0		
Funding			0	0	0	5,850	165	0	0	0	0		
40. F-14D Rehost & Threat Update			0	0	0	0	2	0	0	0	0		
Quantity Funding			0	0	0	0	9,488	0	0	0	0		
42. F/A-18 (C/D) OFTs/Trainer Mods			_							_	_		
Quantity			0	0	2	0	0	0	0	0	0		
Funding 43. MH-53E OFT/AMCM Trainer Upg			0	0	11,000	0	0	4,690	6,984	0	6,050		
Quantity			0	1	0	0	0	0	0	0	0		
Funding			0	3,298	688	799	0	375	862	372	10		
44. P-3 TTT (2F140T) ALR-66(V)3 Mod			_	_	_	_	_		_				
Quantity Funding			5 4,474	0	0	0	0	0	0	0	0 0		
45. P-3 Integrated Avs Trnr (IAT) Mod to UD111			4,474	U	U	U	U	U	U	U	U		
Quantity			1	0	0	0	0	0	0	0	0		
Funding			300	0	0	0	0	0	0	0	0		
46. P-3 TTT (2F140A5)			0	,	0	0	0	0	•	0	0		
Quantity Funding			0	1 4,797	0	0	0	0	0	0	0		
49. S-3 Aircrew Simulator Rehost			0	4,737	o l	٥	O		0		U		
Quantity			3	0	0	0	0	0	0	0	0		
Funding			798	0	0	0	0	0	0	0	0		
53. T-34 Flt Instrum Trnr Rehost/Blk Upg Quantity			3	3	0	0	0	0	0	0	0		
Funding			6,164	3,960	0	0	0	0	0	0	0		
55. UH-1N APT/Trainer Mods					•								
Quantity			0	0	1	0	0	1	0	0	0		
Funding			238	304	5,326	341	275	3,268	2,295	2,300	2,300		
OTHER MODIF/MODERN OF TRAINERS COSTS	3		20,531	14,007	11,108	11,336	7,927	30,794	9,332	15,619	13,708	CONT.	CONT.
TOTAL P-1 FUNDING			55,685	57,505	59,373	53,992	68,936	97,507	71,646	66,277	71,591	CONT.	CONT.
					D_1 SHODDI	IO LIOT		CI VSSIEICVI	1011				

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CLASSIFICATION: UNC

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	WEAPON	IS SY	STEM COST P-5	ANALYSI	S				Weapon Sy	stem							DATE: Febru	ary 1998
	PRIATION/BUDGET ACTIVITY Procurement, Navy/B. A. 7											URE/SUBHE/ Juipment - 1		7C2				•
			TOTAL COS	T IN THOUS	SANDS OF I	OOLLARS												
COST		ID Code	Prior Years Total Cost	Quantity	FY 1995 Unit Cost	Total Cost	Quantity	FY 1996 Unit Cost	Total Cost	Quantity	FY 1997 Unit Cost	Total Cost	Quantity	FY 1998 Unit Cost	Total Cost	Quantity	FY 1999 Unit Cost	Total Cos
	GENERAL TRAINING EQUIPMENT 1. Mission Rehearsal -Topscene (S-2H141) 3. "A" School - IMAT Acoustic Trainer 4. "A" School - Aviation Training Tech 5. "A" School Training System 6. AD School Training System 7. "A" School Trainers Upg/Replace 8. "A" School Series Electrical Trainers 9. ATC 15G Series Block Upd/Upg/Rehost 10. Aircrew CBT - AMT & CVIS 11. LSO Trainer (2H111) Block Upgrade 12. LSO Trainer Mods 13. Univ Threat Sys for Simulators (UTSS) 14. NiteLab/NVD 15. Maintenance CBT 16. H2O Surv/Phys - 9D5 Block Upgrade 17. Strk Ftr Trng Sys (SFTS) 18. SFTS - MAWTS 19. General Trainer Mods 20. NFO School - NAV/COMM Trnr (2B47) 22. Other General Trnrs (Roll up of FY95 progra	nms)		2	1,519 3,358	3,037 0 0 0 0 600 1,975 927 3,358 200 0 329 2,150 247 0 409 0 5,107	4 3 2	1,880 333 1,050	7,519 1,000 0 2,100 0 958 0 2,307 1,101 0 35 1,040 331 11,160 82 0 0 833	5 2 8	766 400 398	3,828 800 0 0 50 461 3,180 0 0 1,100 888 13,025 210 500 429 635 0 0	3 7	1,692 143	5,075 1,000 1,100 0 105 1,864 129 1,636 1,730 0	5 10 2	1,377 154	6,88 1,53 1,69 2,12 14 1,99 1,63
DD FORM	// 2446, JUN 86 P-	-1 SH	OPPING LIST	-											CLASSIFICA	TION:		

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	WEAPO	NS SY	STEM COST P-5	ANALYSI	IS				Weapon Sy	stem							DATE:	ary 1998
	PRIATION/BUDGET ACTIVITY Procurement, Navy/B. A. 7		<u> </u>						ID Code			URE/SUBHE/ quipment - 1		7C2			T ebiu	ary 1990
			TOTAL COST	Γ IN THOUS	SANDS OF	DOLLARS												
COST	ELEMENT OF COST	ID Code	Prior Years		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
0022		0000	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	MODIF/MODERN OF TRAINERS 23. AH-1W Engine Trainer 24. AH-1 W Training 26. C-2A 4E12 Rehost 27. CH-53E WESTPAC APT Mod 28. CH-46 D/E Maint Trnr Upg 29. CH-46D OFT Block Upg (Rehost) 30. CH-46E WESTPAC APT Mod/Trn Mod 31. C-130 WESTPAC APT Mod/Trn Mod 32. C-130 Trainer Rehost/Monitor Replace 33. E-6 Dig Ctrl Loader/Comp Rehost/Mods 34. E-6 CPT Upg to OFT Config/Flt Fidelity Us 35. EP-3E/ES-3A MAST Upg/Trainer Upg 36. ESL/GFE - Equipment Shortages 37. EA-6B WESTPAC Trainer 38. EA-6B Replce DRLMS (2F119A)/Mods 39. F-14 - 2F95/15C9A Upgd. (ATIP) 40. F-14D Rehost & Threat Update 41. F-14 Trainer Mods/Upg 42. F/A-18 (C/D) OFTs/Trnr Mods 43. MH-53E OFT/AMCM Trainer Upg 44. P-3 TTT (2F140T) ALR-66(V) Mod 45. P-3 Integrated Avs Trnr (IAT) Mod to UD11 46. P-3 TTT (2F140A) 47. P-3 Trainer Mods 48. S-3 Trainer Mods 49. S-3 Aircrew Simulator Rehost 50. S-3 FRS CBT 51. SH-60 Trainer Mods 52. T-44 (2F129) Rehost & IOS Replace 53. T-34 Flt Instrum Trnr Rehost/Blk Upg 54. UH-3 Trainer Mods 55. Uh-1N APT/Trainer Mods 56. C2 OFT 57. C-2A Trainer Mods 58. Other Modif/Modern of Trnrs			1 5 1 3	4,100 895 300 266 2,055	0 0 0 0 0 0 0 0 741 4,100 1,661 881 0 0 159 7,261 0 895 0 0 4,474 300 0 3,256 1,552 798 0 0 295 0 0 6,164 9 223 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 3	3,298 4,797 1,320	0 0 532 350 0 50 322 0 0 1,475 969 0 0 254 4,064 0 1,337 0 0 3,298 0 0 0 4,797 2,032 1,852 0 0 0 0 0 1,475 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	2,962 5,500 5,326	0 0 161 530 0 1,685 500 0 1,750 0 2,221 11,000 688 0 0 0 2,931 1,698 0 0	1	2,008 5,850	204 0 287 50 285 231 0 1,000 1,200 0 2,102	1 1 1 2	2,724 3,691 1,498 4,744	2,724 1,059 0 3,691 0 1,498 165 1,109 9,488 449 0 0 1,035 1,749 0 0 609 68 275
	AL - MODIF/MODERN OF TRAINERS		285,311	13		37,346	5		27,213	4		31,876	2		22,337	5		25,768
TOTAL T	RAINING EQUIPMENT		285,311 OPPING LIST	16		55,685	15		57,505	25		59,373	19		53,992 CLASSIFICA	22		68,936

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ST ANALYSI				Weapon Sy	rotom							DATE:		
_	3			weapon Sy	Stem							DATE.	Fehri	ary 1998
									47C2				T GDIC	ary 1990
		0	FY 2001	Table	0	FY 2002	TuilOut	0.000	FY 2003	Turkout		•		Total
y Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
2,034	8,135 8,940 740 2,640 848 1,746 699 16,533 649 4,477 601 0	2 6		9,918 1,996 1,036 0 1,846 748 17,163 698 1,457 609 2,195	7	1,000	8,000 2,938 6,000 0 1,500 190 800 17,579 750 2,500 719 7,000 47,976	8 12	2,000 975	8,000 7,528 3,000 0 160 850 17,966 800 2,500 909 7,800 49,513		CONT.		CONT.
	tity Unit Cost	2,034 8,135 8,940 740 2,640 848 1,746 699 16,533 649 4,477 601	tity Unit Cost Total Cost Quantity 2,034 8,135 4 8,940 740 2,640 848 1,746 699 16,533 649 4,477 601 0 2	FY 2000 FY 2001 tity Unit Cost Total Cost Quantity Unit Cost 2,034 8,135 4 1,996 8,940 740 2,640 848 1,746 699 16,533 649 4,477 601 0 2 1,098	FY 2000 FY 2001 tity Unit Cost Total Cost Quantity Unit Cost Total Cost 2,034 8,135 4 1,996 7,982 8,940 9,918 740 1,996 2,640 848 0 1,746 699 7,48 1,746 699 748 16,533 649 4,477 601 0 2 1,098 2,195	FY 2000 FY 2001 tity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity 2,034 8,135 4 1,996 7,982 4 8,940 9,918 740 1,996 2,640 1,036 848 0 1,746 1,846 699 748 11,533 17,163 649 4,477 601 609 0 2 1,098 2,195 7	FY 2000 FY 2001 FY 2002 tity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost 2,034 8,135 4 1,996 7,982 4 2,000 8,940 9,918 740 1,996 2,640 1,036 848 0 0 1,746 1,846 699 748 11,746 1,846 699 748 11,7163 699 11,7163 699 14,477 601 609 0 2 1,098 2,195 7 1,000	FY 2000 FY 2001 FY 2002 tity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost S,940 9,918 2,938 740 1,996 9,918 6,000 2,640 1,036 0 1,500 1,746 1,846 1,846 190 699 748 800 16,533 17,163 17,579 649 649 698 755 649 4,477 601 0 2 1,098 2,195 7 1,000 7,000	FY 2000 FY 2001 FY 2002 tity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity 2,034 8,135 4 1,996 7,982 4 2,000 8,000 4 8,940 9,918 2,938 740 1,996 6,000 2,640 1,036 0 1,746 1,846 1,500 1,746 1,846 190 699 748 800 16,533 17,163 17,579 698 750 4,477 601 699 719 0 2 1,098 2,195 7 1,000 7,000 8	FY 2000 FY 2001 FY 2002 FY 2003 tity Unit Cost Total Cost Quantity Unit Cost Quantity Q	FY 2000 FY 2001 FY 2002 FY 2003 tity Unit Cost Total Cost Quantity Unit Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Quantity Quan	FY 2000 FY 2001 FY 2002 FY 2003 To C tity Unit Cost Total Cost Quantity Unit Cost Unit Cost Quantity Unit Cost Unit Cost Quantity Unit Cost Unit Cost Quantity Unit Cost Unit Cost Quantity Unit Cost Unit Cost Quantity Unit Cost Unit Cost Quantity Unit Cost Unit Cost Quantity Unit Cost Unit Cost Quantity Unit Cost Unit Cost Quantity Un	FY 2000 FY 2001 FY 2002 FY 2003 To Complete	FY 2000 FY 2001 FY 2002 FY 2003 To Complete Total Cost Total Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost Quantity Unit Cost Total Cost Quantity Unit C

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	WEAPONS SYST		ANALYSIS				Weapon Sy	stem						ļ	DATE:		
	PRIATION/BUDGET ACTIVITY Procurement, Navy/B.A. 7	P5-1					ID Code			TURE/SUBHE		47C2				Febru	uary 1998
COST	ELEMENT OF COST	Quantity	FY 2000 Unit Cost	Total Cost	Quantity	FY 2001 Unit Cost	Total Cost	Quantity	FY 2002 Unit Cost	Total Cost	Quantity	FY 2003 Unit Cost	Total Cost	To C	omplete Cost	Quantity	Total
	MODIF/MODERN OF TRAINERS 25. AH-1W Trainer Mods 27. CH-53E WESTPAC APT Mod 28. CH-46 D/E Trnr Upg 31. C-130 WESTPAC APT 33. E-6 Dig Ctrl Loader/Comp Rehost/Mods 35. EP-3E/ES-3A MAST Upg/Trainer Upg 36. ESL/GFE - Equipment Shortages 38. EA-6B Replce DRLMS (2F119A)/Mods 41. F-14 Trainer Mods/Upg 42. F/A-18 (C/D) OFTs/Trainer Mods 43. MH-53E Trainer Mods 44. P-3 Trainer Mods 45. S-3 Trainer Mods 50. S-3 FRS CBT 55. UH-1N APT/Trainer Mods AL - MODIF/MODERN OF TRAINERS	1 2	5,389 3,229 3,268	1,080 526 2,410 5,389	1	5,987	1,579 538 25			1,585 10 25 0 0 800 875 800 1,325 0 372 5,204 5,005 2,300	0		72 10 25 0 800 900 800 1,350 6,050 10 9,471 290 2,300		CONT.		CONT.
	RAINING EQUIPMENT	8		97,507	7		71,646	11		66,277	12		71,591		CONT.		CONT.

 TOTAL TRAINING EQUIPMENT
 8
 97,507
 7
 71,646
 11
 66,277
 12
 71,591

 DD FORM 2446, JUN 86
 P-1 SHOPPING LIST
 CLASSIFICATION:

 ITEM NO.
 50
 PAGE NO.
 94

UNCLASSIFIED CLASSIFICATION: BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) Weapon System A. DATE Feb-98 B. APPROPRIATION/BUDGET ACTIVITY C. P-1 ITEM NOMENCLATURE SUBHEAD COMMON GROUND EQUIPMENT (47C2) - TRAINING Aircraft Procurement, Navy/Budget Activity 7 CONTRACT DATE OF **SPECS** IF YES QUANTITY UNIT LOCATION RFP ISSUE Cost Element/ **METHOD** CONTRACTOR AWARD **FIRST** AVAILABLE WHEN FISCAL YEAR COST OF PCO DATE & TYPE AND LOCATION **DELIVERY** NOW AVAILABLE DATE (000)1. Mission Rehearsal - Topscene (S-2H141) FY 1997 5 766 NAVSUP 10/96 **FFP** LMVS Arington,TX 4/96 3/98 Υ 2/97 FY 1998 3 1692 **NAVSUP** 10/97 FFP LMVS Arington,TX 3/99 Υ 2/97 4/97 FY 1999 5 1377 **NAVSUP** 10/98 FFP LMVS Arington,TX 3/00 Υ 2/97 4/98 3. "A" School - IMAT Acoustic Trainer FY 1997 7/96 WX Υ 400 **NSWC** NSWC, Carderock 1/97 3/98 1/97 FY 1998 7 143 **NSWC** 7/97 WX NSWC, Carderock 1/98 3/99 Υ 1/98 **NSWC** FY 1999 10 154 7/98 WX NSWC, Carderock 1/99 3/00 1/99 8. "A" School 6E Series Electrical Trainers CFP Υ FY 1997 NAWC,TSD 9/96 American Systems Corp. 398 4/97 6/98 7/96 14. NiteLab/NVD FY 1997 6 NAWC, Mugu 6/96 SSM-3 Lockheed Martin 12/96 9/97 Υ 12/96 FY 1998 7 135 NAWC, Mugu 6/96 SSM-3 Lockheed Martin 12/97 9/98 Υ 12/96 FY 1999 2 345 NAWC, Mugu 6/97 SSM-3 Lockheed Martin 12/98 9/00 Υ 12/96

D. REMARKS

Details of the Mission Rehearsal trainer contract are classified.

Mission Rehearsal costs fluctuate from year to year due to the varied complexity of generating and integrating data products.

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CLASSIFICATION:					UNCLAS	SIFIED				
SUDGET PROCUR	EMENT HIS	TORY AND	PLANNING	EXHIBIT (P-5	5A)	Weapon System		A. DATE Feb-98		
. APPROPRIATION/BUD hircraft Procuremer		get Activity	7		C. P-1 ITEM NON	MENCLATURE ROUND EQUIPMEN	T (47C2) -		SUBHEAD G	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABL
15. Maintenance CBT <u>F-14</u> FY 1996 FY 1997		8045 2565	FISC WNY FISC WNY	12/95 7/96	CPFF CPFF	OC, Inc. OC, Inc.	6/96 1/97	9/97 3/98	Y N	6/96
<u>E-2/C2</u> FY 1996 FY 1997		3280 6193	FISC WNY FISC WNY	11/95 7/96	CPFF CPFF	JIL Info Sys Aera	5/96 1/97	9/97 3/98	Y N	
<u>F/A-18 (C/D)</u> FY 1997		4360	FISC WNY	9/96	CPFF	GPFS	1/97	3/98	N	
<u>S-3/ES-3</u> FY 1998		5585	FISC WNY	9/97	CPFF	TBD	1/98	3/99	N	
<u>SH-60F</u> FY 1998		5826	FISC WNY	9/97	CPFF	TBD	1/98	3/99	N	
<u>SH-60B</u> FY 1998		2565	FISC WNY	9/97	CPFF	TBD	1/98	3/99	N	
<u>P-3/EP-3</u> FY 1999		5471	FISC WNY	9/98	CPFF	TBD	1/99	3/00	N	
<u>E-6</u> FY 1999		4218	FISC WNY	9/98	CPFF	TBD	1/99	3/00	N	
FY 1999 D. REMARKS CBT varies depending of D Form 2446-1, JUL 87				9/98	CPFF ITEM NO.		1/99 PAGE NO.		N	

CLASSIFICATION:					UNCLAS	SIFIED				
BUDGET PROCUR	REMENT HI	STORY AND) PLANNING	EXHIBIT (P-5	5A)	Weapon System		A. DATE Feb-98		
B. APPROPRIATION/BUD Aircraft Procuremen		dget Activity	7		C. P-1 ITEM NON	MENCLATURE ROUND EQUIPMEN	Г (47С2) -	•	SUBHEAD G	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABLE
<u>EA-6B</u> FY 1999 <u>AV-8B</u> FY 1999		4199 1924	FISC WNY	7/98 7/98	CPFF	TBD TBD	1/99	3/00 3/00	N N	
17. Strike Fighter Trainir FY 1997 FY 1999	ng System (SF		NAVAIR NAVAIR	5/96 5/98	CM-5 CM-5	A&T TBD	11/96 11/98	9/97 9/99	N N	
23. AH-1 W Engine Trai FY 1998	l ner l 1	2008	NAVAIR	TBD	FFP	TBD	TBD	TBD	Y	5/91
27. CH-53E WESTPAC FY 1999	APT Mod 1	2724	TSD-Orlando	10/98	FFP	TBD	2/99	8/00	N	
29. CH-46D OFT Block FY 1997	I Upg Rehost 1	2962	TSD Orlando	5/97	FFP	OC, Inc.	7/97	7/98	Y	2/97
30. CH-46E WESTPAC FY 1999	APT Mod/Trnr	Mod 3691	TSD Orlando	9/98	FFP	TBD	11/98	1/00	N	
D. REMARKS CBT varies depend DD Form 2446-1, J		complexity of CLASSIFIC UNCLASSI	CATION:		ITEM NO.	50	PAGE N	IO.	97	

CLASSIFICATION:					UNCLAS	SIFIED				
BUDGET PROCUF	REMENT HIS	STORY AND) PLANNING I	EXHIBIT (P-5		Weapon System		A. DATE Feb-98	_	
B. APPROPRIATION/BUD Aircraft Procuremen		lget Activity	7		C. P-1 ITEM NON	MENCLATURE SROUND EQUIPMEN	T (47C2) -	•	SUBHEAD	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABLE
33. E-6 Dig Ctrl Loader FY 1999 FY 2000	r/Computer Reh	nost/Mods 1498 3229		5/98 7/97	Option FFP	TBD TBD	1/99 1/00	7/00 6/01	N N	
37. EA-6B WESTPAC T FY 1998	Trainer 1	5850	NAWC,TSD	9/97	CFP	TBD	3/98	3/00	N	
40. F-14D Rehost and T FY 1999	2	4744	TSD- Orlando	6/98	FFP	TBD	10/98	12/99	N	
42. F/A-18 (C/D) OFTs/ FY 1997	Trnr Mods 2	5500	NAVAIR	8/96	SS	MDA	2/97	4/98	N	
55. UH-1N APT/zTraine FY 1997	er Mods 1	5326	NAWC,TSD	5/96	CFP	MFS Pax River	11/96	5/98	N	
D. REMARKS CBT varies depending of DD Form 2446-1, JUL 8	87	ity of the syster CLASSIFICAT UNCLASS	ΓΙΟΝ:		ITEM NO.	50	PAGE NO	o. 98		

-													replace 1990	0881 4													
Approp	Appropriation/P-1 Line Item	Line Item	7								We	Weapon System	em								IOC Date	ate					
Aircraft	Aircraft Procurement, Navy/B. A. 7/Common Ground Equipment - Training/47C2	ent, Navy/E	3. A. 7/Cc	mmon Gr	round Equ	- ripment	Training/4	7C2																			
Training Device	6	F Delivery -	Ready fo Average Delivery Training Student	Average Student	Prior Years	ars	FY 1995	5	FY 1996	9	FY 1997	2	FY 1998		FY 1999		FY 2000	Ш	FY 2001	Ē	FY 2002	FY	FY 2003	To Co	To Complete	To	Total
by Type	Site	Date	Date h	hroughp	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty C	Sost	Oty C	Sost	Qty Cost		Qty Cost		ty Cost		ty Cost		Cost	Qty	Cost
1. Miss	1. Mission Rehearsal- Topscene (S-2H141) Deployed N/A	rsal- Topsc	sene (S-2	2H141) N/A	φ	13,000	N	3,037	4	7,519	22	3,828	3	5,075	5	6,885	4 10,079	62	4 7,982	Ω.	4 8,000		4 8,000			41	
3. Inter	3. Interactive Multi-sensor Analysis Trainer (IMAT) Acoustic Trainer Proja FI 3/97 3/97 590	 -sensor Ar 3/97	nalysis Tr 3/97	 - 	AT) Acous	stic Traine	0	O	, ,	1.000							0	0	C	C	0					m	1.00
	*FASOT		3/98	})))	7	800		0)))							100	800
	*FASOT	3/88	3/66										-	1,000	10,	1,538										10	o, r,
5. "A" 5	5. "A" School Canopy Ejection Seat Trainer (11H144/145) PCola,F 12/96 1/98 294	opy Ejectic	on Seat Ti 1/98	rainer (111 294	H144/14€	2)			0	2,100	0	0	0	0	0	0	0	0	0	0	0	0	0			7	2,100
8. "A" \$	8. "A" School 6E Series Electrical System Trainers (6E36,6E37) P'Cola, F 6/98 10/99 1400	Series Elec	trical Sys 10/99	tem Train 1400	ners (6E3t	3,6E37)	0	0	0	0		3,180	0	0	0	0	0	0	0	0	0	0	0			80	3,180
11. LSt	11. LSO Trainer (2H111) Mod Block Upg Oceana 9/97 9/97	 2H111) Mo 9/97	 3/97 9/97	Jpg 400	0	0	-	3,358	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	_			
14. Nit	14. Nitelab/NVD Yuma Yuma NAS Falii Oceana N. Island	9/97 79/9 79/9 79/9	12/97 12/97 12/97	200 200 600 600							0	296 148 148 841															
	WBI Jacksville El Toro		10/98	000							-	24 20		135 135													
	Cherry P		10/98	200										135													
	La Moore		10/98	200										135													
	Pax Rivel Japan Quantico	66/6 86/6	10/98 10/99 10/99	000 700 700 700									-	135		345 345											
15. Ma	15. Maintenance Computer Based Training (CBT)	Computer I	Based Tra	raining (CB N/A	Ē.		0	2,150	0	11,325	0	13,118	0 13,	13,976	0 15,	15,812	0 16,533	33	0 17,163		0 17,579		0 17,966			0	125,622
17. Str	17. Strike Fighter Training System (SFTS) TBD 9/97 7700 TBD 9/99 7/97	Training Sy 97	Jystem (SF 7/00 7/97	FTS)	0 0	0 0	0 0	0 0	0 0	0 0	0 0	500	0 0	0 0	0 0	3,995	0 0	0 0	0 0	0 0	00	00	0 0		<u> </u>	0 0	500 3,995
Description IMAT a FAS	Description IMAT a FASO is a (Fleet Avaiation Special Operations Training Group) these are various sites across the P-1 Shopping List Item No. 50 Page No	I I	/ vaiation Special Op P-1 Shopping List	 pecial Op∉ oind List	erations 1	Training G	roup) thes	se are vari	ious site	ites across th	count	- - - - - - - - - - - - - - - - - - -															

EXHIBIT P-43 SIMULATOR AND TRAINING DEVICE JUSTIFICATION	G DEVICE JUS	STIFICA	NOIL					DA	DATE:	Februs	February 1998								1				
Appropriation/P-1 Line Item								We	Weapon System	tem								IOC Date					
Procurement, Navy	B. A. 7/Commo	in Grour	nd Equipm	ent - Train	ing/47C2		ŀ		-									}		=		-	
Training Delivery	Ready fo Average Delivery Training Student		Prior Years		FY 1995	FY 1996	966	FY 1997		FY 1998		FY 1999		FY 2000	Ĺ	FY 2001	FY 2002	002	FY 2003	03	To Complete		Total
by Type Site Date	Date hroughp		Qty Cost		y Cost	Qty	Cost	Qty	Cost	Oty (Cost	Qty C	ost	Qty Cost	st Qty	ty Cost	Qty	Cost	Qty	Cost	Qty C	Cost Qty	/ Cost
20. NFO School-NAV/COM Trnr (2B47) P'Cola,FI 7/97 6/97		009	0	0	0	~	1,826	0	0	0	0	0	0	0	0	0	0	0	0	0			1,826
ng)r																						
Pensacol 9/02							0	0	0	0	0	0	0			2,16		0	0	0		N	
Pensacol 9/03 Pensacol 9/04			0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	7,000	0 8	0 2,800			7 7,000 8 7,800
23. AH-1W Engine Trainer					0	0	0	0	0		2,008	0	0	0	0	0	0	0	0	0			2,008
27. CH-53E WESTPAC APT Mod Japan 8/00 9/0	00/6				0	0	0	0	0	0	0	- 2,	2,724	0	0	0	0	0	0	0			2,724
29. CH-46D OFT Upgrade North Isla 6/98	2/98		0	0	0	0	0		2,962	0	0	0	0	0	0	0	0	0	0	0			2,962
30. CH-46E WESTPAC APT Mod/Tmr Mod Miramari	 Mod/Trnr Mod 2/00				0	0	0	0 0	0	0	0	- A	3,691	0	0	0	0	0	0	0			3,691
31. C-130 WESTPAC APT Japan 1/02 Japan 1/03			0 0	00	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 5,389 0 0		0 0 1 5,987	0 0	0 0	0 0	0 0			5,389
33. E-6 Digital Ctrl Loader/Computer Rehost/Mods Tinker, A 7/00 375 Tinker, A 6/01	computer Rehos	nost/Mods 375			0	0 0	0 0	0 0	0 0	0 0	0 0	- 0	1,498	0 0 2 6,457		0 0	0 0	0 0	0 0	0 0		- 2	1,498
34. E-6 CPT OFT Upg Config/ Fit Fidelity Tinker, A 7/97 7/97	ig/ Flt Fidelity 7/97				1 4,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			4,100
37. EA-6B WESTPAC Trainer	er 3/00		0	0	0	0	0	0	0	- 5	5,850	0	0	0	0	0	0	0	0	0			5,850
40. F-14 D Rehost and Threat Update	at Update 12/99 N/A				0	0	0	0	0	0	0	9,	9,488	0	0	0	0	0	0	0			2 9,488
42. F/A-18 C/D Operational Flight Trainer (OFT) LaMoore 4/98	 Flight Trainer ((OFJ	0	0	0	0	0	27	11,000	0	0	0	0	0	0	0	0	0	0	<u> </u>	CONT. CONT.		2 11,000
Description	P-1 Shopping List	list	Item No.		50 Page Number	ımber	100													-			-

EXHIBIT P-43		L	i i							DATE:			9													
Appropriation/P-1 Line Item	Line Item	NG DEVICE JUS	IFICAL	2						Weapon System	System	repruary 1996 m	200						<u></u>	IOC Date						
Aircraft Procurement, Navy/B. A. 7/Common Ground Equipment - Training/47C2	ent, Navy	/B. A. 7/Commor	ר Ground	Equipme	nt - Train	ing/47C2	÷																			
Training	Delivery	Ready fo Average Delivery Training Student	je T	Prior Years	F	FY 1995		FY 1996	FY 1	FY 1997	FY 1	FY 1998	FY 1999	66	FY 2000	00	FY 2001	-	FY 2002	2	FY 2003		To Complete) te	Total	
by Type Site	Date	Date hroughp		y Cost		y Cost		Cost		Cost		Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	cost	Qty	Cost	Qty	Cost
43. MH-53E OFT /ACMC Trainer Norfolk, \ 10/98 10/	/ACMC 1	3E OFT /ACMC Trainer Norfolk, \ 10/98 10/98		0	0	0	0	3,298	0	0	0	0	0	0	0	0	0	0	0	0	0	0			-	3298
44. P-3 TTT (2F140T) ALR-66(V)3 Mod Brunswick (1) Whidbey Island (1) Jacksonville (2)	 40T) ALF k (1) Island (1 ille (2)					5 4,474	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0			ις	4474
Barbers Pt.(1)	Pt.(1) 	r(IAT) Mod to UD	<u> </u>			1 300	0																			
46. P.3 TTT (2F140A5)	40A5) 6/98					0	0	4,797																		
49. S-3 Aircrew Simulator	imulator 7/95			0	0	3 798	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
53. T-34 Flt Instrum Trnr Rehost/Blk Upg P'Cola 6/97 6/97 P'Cola 6/98 6/98	m Trnr Re 6/97 6/98	ehost/Blk Upg 6/97 6/98			., 3	3 6,164 0 0	64 0 0 8	3,960	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0			е е	6164 3960
55. UH-1N APT/Trainer Mods NewRive 5/98	rainer Moc	spo				0	0 0	0	-	5,326	0	0	0	0	0	0	0	0	0	0	0	0			-	5326
																						8	CONT CONT.	Ę		
Description		P-1 Shopping List	ist	Item No.	Ġ	20		Page No	o	101																

			BU	DGET ITEM JUST	IFICATION SHEE	Т				DATE:			
				P-4	0						Februa	ry 1998	
APPROPRIATION/BUDGET	ACTIVITY							P-1 ITEM NOME	NCLATURE				
Aircraft Procurement, Navy	BA-7									Aircraft Industria	Facilities / (47C4	4)	
Program Element for Code B	Items:							Other Related Pro	ogram Elements				
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST													
(In Millions)	\$674.652		\$37.387	\$29.549	\$14.287	\$17.155	\$13.753	\$15.845	\$15.556	\$15.843	\$16.234	CONT	CONT

The Aircraft Industrial Facilities line funds procurement of calibration equipment for Navy standards and calibration laboratories, and provides for capital improvements, modernization and maintenance of government-owned, but contractor operated, aircraft-producing industrial plants. The two requiring managers responsible for these procurements and the funds presently assigned to them are as follows:

	<u>FY 1997</u>	FY 1998	FY1999
Calibration Equipment	7.226	8.336	7.029
Contractor Facilities	7.061	8.819	6.724

Calibration Equipment Description:

The objective of the Metrology/Calibration (METCAL) Program is to maintain required accuracy and consistency in Navy measurements. This ensures the required measurement accuracy of Test and Measurement Systems (TAMS) and Aviation Support Equipment used to test, repair and maintain Aviation Weapon Systems is adequate. Calibration is an on-cycle maintenance action and can be described as the comparison of a measurement device/system of unverified/unknown accuracy (TAMS or SE) to a device of known and greater accuracy (Calibration Standard).

Program Scope:

Calibration Equipment funds are used to procure common Calibration Standards (CALSTDs) and ancillary equipment for Aviation Fleet Intermediate Calibration Activities, Fleet Training Activities and Aviation Navy Calibration Laboratories (NCLs) to support Aviation Organizational and Intermediate (I) level maintenance assets. Initial outfitting of all CALSTDs is the responsibility of the requiring project office with the replenishment/replacement of CALSTDs procured under this document. CALSTDs procured for Fleet 'I' level use are to replace obsolete and/or irreparable equipment, expand technical measurement capabilities to decrease Depot support costs, reduce out-of-service turn around times, provide enhanced forward deployed geographic support and reduce/control the NAVAIR cost of ownership associated with Calibration. Fleet 'I' level calibration activities support 70% of the total Fleet calibration workload. Maintenance of Fleet calibration capability funding results in the release of more expensive Depot level support manhours for more complex calibration maintenance and calibrations where economy of scale costs dictate single site or geographic calibration center capability. CALSTDs procured for NCLs allow for the automation and improvement of calibration procedures in order to reduce Depot level manhour expenditures required to support Fleet assets, reduce Fleet asset out-of-service and Turn around Time, expand technical calibration capabilities for enhanced in-theater Fleet support, and replace obsolete and high support costs CALSTDs.

Contractor Facilities Justification:

The above funding is required for the following reasons:

- Close, deactivate and prepare for disposal and conveyance the five Government-owned contractor-operated, Naval Weapons Industrial Reserve Plants (NWIRPs) under the cognizance of NAVAIR.
- Closure and deactivation is accomplished in accordance with 41 CFR, Chapter 101, Federal Property Management Regulations and other applicable guidance.
- Accomplish environmental remediation required by law. Remediation is accomplished in accordance with the Environmental Protection Act and other applicable quidance.
- Develop Environmental Impact Statements (EISs) and accomplish cultural resource surveys required by law. The EISs and cultural resource surveys are accomplished in accordance with 40 CFR, the National Environmental Policy Act (NEPA) and other applicable guidance.
- Dispose of the facilities as required by law. The disposals are accomplished in accordance with 41 CFR, Chapter 101, Federal Property Management Regulations, special legislation enacted by Congress for NWIRPs Bethpage, NY and Calverton, NY and other applicable guidance.

The closure, deactivation and disposal schedule is based on requirements stated by law (including special Congressional legislation), and the expiration dates of the Facilities Use Contracts under which the plants are operated by defense contractors.

Failure to accomplish the above requirements, particularly environmental requirements, will lead to criminal and civil suits being brought against the Navy and individuals responsible for the actions not being accomplished. Fines will be levied for non-compliance with applicable laws, rules and regulations pertaining to the closure, deactivation and disposal of the plants. In addition, delays in the closures will result in increased costs dependent on the length of delays.

P-1 SHOPPING LIST CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 51 PAGE NO. 1

UNCLASSIFIED

UNCLASSIFIED CLASSIFICATION:

	WEA	PONS SY	STEM COST	T ANALYS	IS				Weapon Sy	rstem							DATE:	
ADDDO	PRIATION/BUDGET ACTIVITY		P-5						ID Code	D 1 ITEM NO	MENCI ATI	JRE/SUBHEA	D				Febru	ary 1998
	t Procurement, Navy								ID Code	F-III EIVIINO	JIVIENCLATI	JKE/SUBHEA	D					
AllClai	rrocurement, Navy									A in a world I love	المناسلة	::::: //	4704\					
	Г		I							Aircraft if	idustriai F	acilities / (4704)					
			TOTAL COS	T IN THOUS	SANDS OF D	OOLLARS												
COST	ELEMENT OF COST	ID	Prior		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
CODE	ELEMENT OF COST	Code	Years		1 1 1995			1 1 1330			1 1 1331			1 1 1990			1 1 1333	
OODL		Oode	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	Calibration Equipment																	
	RF Power Sensor Cal System		0	4	22.0	88	0	0.0	0	22	22.0	484	24	22.0	528	20	22.0	44
	RF Microwave Receiver		0	0	0.0	0	0	0.0	0	22	18.0	396	14	18.0	252	15	18.0	27
	Frequency Counter		0	0	0.0	0	350	1.0	350	0	0.0	0	0	0.0	0	0	0.0	
	Pulse Generator		0	267	9.6	2,557	50	9.6	479	0	0.0	0	0	0.0	0	0	0.0	
	Digital Multimeter		0	0	0.0	0	181	3.5	634	119	3.5	417	0	0.0	0	0	0.0	
	RF Power Meter		0	111	17.7	1,968	70	17.7	1,241	19	17.7	337	0	0.0	0	0	0.0	
	Synthesized RF Source		0	146	17.5	2,551	184	17.5	3,220	0	0.0	0	0	0.0	0	0	0.0	
	Time / Frequency Standard		0	0	0.0	0	0	0.0	0	20	30.0	600	12	30.0	360	21	30.0	63
	Hi-Power RF Source		0	0	0.0	0	0	0.0	0	0	0.0	0	4	40.0	160	12	40.0	48
	Temp / Humidity Chamber		0	0	0.0	0	0	0.0	0	0	0.0	0	10	14.0	140	15	14.0	21
	Spectrum Analyzer		0	0	0.0	0	0	0.0	0	0	0.0	0	28	27.0	756	42	27.0	1,13
	Digital Multi-Function W/F Comparator		0	172	6.2	1,061	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	
	Scalar Network Analyzer		1,792	1	32.0	32	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	
	Instrument Controller		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	
	Vibration Calibrator		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	
	Oscilloscope Calibrator		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	
	Tachometer Tester		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	
	Navy Calibration Lab Standards		12,182			1,013			533			330			350			9
	Fleet Training Standards		18,273			1,085			565			500			536			20
	Fleet Intermediate Standards		97,456			5,088			2,572			2,269			2,869			1,50
	Logistics / Engineering Support		21,318			710			812			623			787			71
	Production / Acquisition		48,728			1,963			1,795			1,270			1,598			1,35
	Various 1/		104,800															
	1/ The amount identified against this cost e	l lement refl	I ects total prior	year fundin	l g associated	I I with cost eler	ments no lor	l nger financed	l d in FY95 and	beyond								
	Calibration Equipment Totals		304,549			18,116			12,201			7,226			8,336			7,02
	M 2446 IIIN 86				l	10,110		1	12,201		1	1,220		L	CI ASSIFICA		1	1,02

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P-1 SHOPPING LIST

CLASSIFICATION:

UNCLASSIFIED

	WEAPONS SY	STEM COST	ANALYSIS	3			Weapon Sy	stem							DATE:		
		P-5													F	ebruary 19	98
APPROI	PRIATION/BUDGET ACTIVITY						ID Code	P-1 ITEM N	OMENCLA	TURE/SUBHE	EAD						
Aircraft	Procurement, Navy																
								Aircraft I	ndustrial	Facilities /	(47C4)						
COST	ELEMENT OF COST		FY 2000			FY 2001		ı	FY 2002			FY 2003		Т- С	Complete	1	Total
CODE	ELEMENT OF COST		F1 2000			F1 2001			F1 2002			F1 2003		100	ompiete		Total
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
	Calibration Equipment																
	RF Power Sensor Cal System	0	22.0	0	0	22.0		0	22.0		0	22.0	0	0	0	70	1,540
	RF Microwave Receiver	10	18.0	180	9	18.0			0.0	0	0	18.0	0	_	0	70	1,260
	Frequency Counter	0	0.0	0	0	0.0		-	0.0	0	0	0.0	0	-	0	350	350
	Pulse Generator	0	0.0	0	0	0.0	-	0	0.0	0	0	0.0	0	-	0	317	3,037
	Digital Multimeter	0	0.0	0	0	0.0		0	0.0	0	0	0.0	0	0	0	300	1,050
	RF Power Meter	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0	200	3,546
	Synthesized RF Source	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0	330	5,775
	Time / Frequency Standard	42	30.0	1,260	41	30.0	1,230	39	30.0	1,170	0	0.0	0	0	0	175	5,250
	Hi-Power RF Source	20	40.0	800	16	40.0	640	14	40.0	560	19	40.0	760	0	0	85	3,400
	Temp / Humidity Chamber	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0	25	350
	Spectrum Analyzer	20	27.0	540	14	27.0	378	22	27.0	594	54	27.0	1,458	0	0	180	4,860
	Digital Multi-Function W/F Comparator	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0	172	1,061
	Scalar Network Analyzer	0	0.0	0	0	0.0		0	0.0	0	0	0.0	0	0	0	57	1,824
	Instrument Controller	12	4.5	54	48	4.5	216	52	4.5	234	78	4.5	351	110	495	300	1,350
	Vibration Calibrator	0	0.0	0	0	0.0	0		5.0	40	6	5.0	30	84	420	98	490
	Oscilloscope Calibrator	0	0.0	0	0	0.0		0	0.0	0	3	30.0	90		4,410	150	4,500
	Tachometer Tester	0	0.0	0	0	0.0		5	14.0	70	5	14.0	70		700	150	750
	Navy Calibration Lab Standards			341			351			355			403		CONT		CONT
	Fleet Training Standards			522			548			546			570		CONT		CONT
	Fleet Intermediate Standards			3,152			3,192			3,277			3,294		CONT		CONT
	Logistics / Engineering Support			817			805			820			840		CONT		CONT
	Production / Acquisition			1,603			1,583			1,611			1,646		CONT		CONT
	1 Toddollott / Toddiollott			1,000			1,000			1,011			1,010		00111		00111
	Calibration Equipment Totals			9,269			9,105			9,277			9,512		CONT		CONT

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	WEAPONS SYST	EM CO P-5	ST ANALYS	IS			Weapon Sy	rstem				DATE: Februa	ary 1998
	PRIATION/BUDGET ACTIVITY ft Procurement, Navy / BA-7						ID Code	P-1 ITEM N	IOMENCLATU	JRE/SUBHE	AD		
								Aircraft	Industrial	Facilitie	s / (47C4)		
			TOTAL COST	IN THOUS	SANDS OF DO	OLLARS							
COST CODE	ELEMENT OF COST	ID Code	Prior Years		1995		1996		1997		1998		1999
	Contractor Facilities		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cos
	NWIRP, Bethpage												
	EPA, OSHA & Major Repairs				4,922		2,171		1,932		0		,
	Closure - Environmental				7,322		2,171		1,552		1,509		550
	Closure - Caretaker Maintenance				0		0		0		0,505		2,00
	NWIRP, Bloomfield												
	EPA, OSHA & Major Repairs				2,107		2,637		401		0		(
	NWIRP, Dallas												
	EPA, OSHA & Major Repairs				10,771		6,383		4,728		0		(
	Closure - Environmental				0		0,000		0,720		4,750		20
	Closure - Caretaker Maintenance				0		o o		0		1,700		3,64
	NWIRP, Calverton												
	Major Repairs		2,427		0		0		0		0		(
	Closure - Environmental		2, .27		1,471		6,157		0		860		330
					.,		,,,,,,						
	Prior years not otherwise broken down		77,013										
	AF Plant No. 3, Tulsa		8,536										
	Various 1/		282,127										
	1/ The amount identified against this cost elem	nent refle		year funding	g associated v	with cost ele	ments no long	ger financed	in FY95 and b	eyond.			
	Contractor Facilities Totals		370,103		19,271		17,348		7,061		8,819		6,724
	A/C Industrial Facilities Grand Totals	•	674,652		37,387		29,549		14,287		17,155		13,753
D FOR	M 2446, JUN 86	P-1 SH	OPPING LIST			ı		1	,		CLASSIFICA	TION:	-,-

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UNCLASSIFIED

	WEAPONS SYSTEM COST P-5	ANALYSIS	6		Weapon Sy	stem				DATE: Februa	ry 1998
	PRIATION/BUDGET ACTIVITY it Procurement, Navy / BA-7				ID Code		OMENCLATU			70.4\	
						Airc	raft indus	striai Fac	ilities / (47	(C4)	
COST	ELEMENT OF COST	FY	2000	FY	2001	FY	2002	FY	2003	To Complete Costs	Total Costs
	Contractor Facilities	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost		
	NWIRP, Bethpage Closure - Environmental Closure - Caretaker Maintenance		1,576 1,000		1,451 1,000		1,000 1,000		0 1,000		
	NWIRP, Bloomfield Closure - Environmental Closure - Caretaker Maintenance		0		0		566 0		722 1,000		
	NWIRP, Dallas Closure - Environmental Closure - Caretaker Maintenance		1,200 1,000		1,000 1,000		1,000 1,000		1,000 1,000		
	NWIRP, St. Louis, MO Closure - Environmental Closure - Caretaker Maintenance		800 1000		1,000 1,000		1,000 1,000		1,000 1,000		
	Contractor Facilities Totals		6,576		6,451		6,566		6,722	0	
	A/C Industrial Facilities Grand Totals		15,845		15,556		15,843		16,234	0	

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BUDGET PROCUREM	ENT HISTORY A	ND PLANNIN	NG EXHIBIT (P-5A)			Weapon System		A. DATE	February 19	100
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCI ATURE			SUBHEAD	190
Aircraft Procureme					Calibration E					'C4
, o. a						-qa.p		T = . = = = =		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
RF Power Sensor CS										
FY97	22	22.000	NAWCPAX	04-97	Option	Weinschel	06-97	09-97	Yes	
FY98	24	22.000	NAWCPAX	01-98	Option	Gaithersburgh, MD	04-98	08-98	Yes	
FY99	20	22.000	NAWCPAX	02-99	Option		05-99	09-99	Yes	
RF Microwave Receiver										
FY97	22	18.000	NAWCLKE	04-97	C/FP	Hewlett Packard	06-97	10-97	Yes	
FY98	14	18.000	NAWCLKE	02-98	Option	Wayne, PA	03-98	07-98	Yes	
FY99	15	18.000	NAWCLKE	01-99	Option		02-99	06-99	Yes	
Time / Frequency Std										
FY97	20	30.000	NRCCLB	01-97	C/FP	Datum, Inc	06-97	08-97	Yes	
FY98	12	30.000	NRCCLB	03-98	Option	Anaheim, CA	05-98	07-98	Yes	
FY99	21	30.000	NRCCLB	04-99	Option	·	06-99	08-99	Yes	
Hi Power RF Source										
FY98	4	40.000	NRCCLB	01-97	C/FP	Unknown	03-98	09-98	Yes	
FY99	12	40.000	NRCCLB	01-99	Option	Unknown	03-99	08-99	Yes	
Temp/Humidity Chmbr										
FY98	10	14.000	NRCCLB	01-98	Option	Thunder Scientific, Inc	06-98	10-98	Yes	
FY99	15	14.000	NRCCLB	03-99	Option	Albuquerque, NM	06-99	10-99	Yes	
Spectrum Analyzer										
FY98	28	27.000	NRCCLB	10-97	C/FP	Unknown	04-98	08-98	Yes	
FY99	42	27.000	NRCCLB	01-99	Option	Unknown	04-99	07-99	Yes	
D. REMARKS							1	1		
2										

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Exhibit P-20, Requireme	ents Study		AF	PROPRIATION/BUDG	ET ACTIVITY		DAT	E:	
			Air	craft Procurement, Nav	y			February	1998
P-1 ITEM NOMENCLATUR	E			dtime (after Oct1):		Prod	Leadtime :	_	
RF Power Sensor Cal S	ystem			8 mc	onths		4	months	
	-		•						
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		0	22	24	20	0	0	0	0
Unit Cost		0.0	22.0	22.0	22.0	0.0	0.0	0.0	0.0
Total Cost		\$0.0	\$484.0	\$528.0	\$440.0	\$0.0	\$0.0	\$0.0	\$0.0
Asset Dynamics									
Beginning Asset Position		0	4	26	50	70	70	70	70
Deliveries from all prior yea	r funding	4	0	0	0	0	0	0	0
Deliveries from FY 1997 fur	nding	0	22	0	0	0	0	0	0
Deliveries from FY 1998 fur	nding	0	0	24	0	0	0	0	0
Deliveries from FY 1999 fur	nding	0	0	0	20	0	0	0	0
Deliveries from subsequent	years' funding	0	0	0	0	0	0	0	0
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attri	tions/etc.								
End of Year Asset Positio	n	4	26	50	70	70	70	70	70
Inventory Objective or Curre	ent Authorized Allowance	70	70	70	70	70	70	70	70
Inventory Objective	Actual Training	Other than Training	ng	Disposals		Vehicles Eligible		Aircraft:	
70	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replace	ement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible	for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replace	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:	·	Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:	·			Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

Remarks:

P-1 SHOPPING LIST CLASSIFICATION:

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Exhibit P-20, Requirements Study		AP	PROPRIATION/BUDG	SET ACTIVITY		DA	TE:	
		Aire	craft Procurement, Nav	ry			February	1998
P-1 ITEM NOMENCLATURE		Admin Lead	time (after Oct1):		Prod	Leadtime :		
RF Micro-Wave Receiver			4 months				4 months	
	FV 4000	EV 4007	F)/ 4000	EV 4000	FV 0000	F)/ 0004	EV 0000	EV 0000
Buy Summary	FY 1996	FY 1997 22	FY 1998 14	FY 1999 15	FY 2000 10	FY 2001 9	FY 2002	FY 2003
Unit Cost	0.0	18.0	18.0	18.0	18.0	18.0	0.0	0.0
Total Cost	\$0.0	\$396.0	\$252.0	\$270.0	\$180.0	\$162.0	\$0.0	\$0.0
Asset Dynamics	φυ.υ	ψοσο.σ	Ψ202.0	Ψ270.0	Ψ100.0	Ψ102.0	ψ0.0	Ψ0.0
Beginning Asset Position	0	0	22	36	51	61	70	70
Deliveries from all prior year funding	0	0	0	0	0	0	0	0
Deliveries from FY 1997 funding	0	22	0	0	0	0	0	0
Deliveries from FY 1998 funding	0	0	14	0	0	0	0	0
Deliveries from FY 1999 funding	0	0	0	15	0	0	0	0
Deliveries from subsequent years' funding	0	0	0	0	10	9	0	0
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
End of Year Asset Position	0	22	36	51	61	70	70	70
Inventory Objective or Current Authorized Allowance	70	70	70	70	70	70	70	70
Inventory Objective Actual Training	Other than Trainir	ng	Disposals		Vehicles Eligible for		Aircraft:	
70 Expenditures	Usage		(Vehicles/Other)		FY 1998 Replaceme		TOAI:	
Assets Rqd For Combat FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible for		PAA:	
Loads: XXXXX:	XXXXX:		XXXXX:		FY 1999 Replaceme	ent:	TAI	
WRM Rqmt: FY 1995:	FY 1995:		FY 1995:		Vehicle Augment:		Attrition Res:	
Pipeline: FY 1994:	FY 1994:		FY 1994:				BAI	
Other: FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:							Storage:	

Remarks:

P-1 SHOPPING LIST CLASSIFICATION:

UNCLASSIFIED

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Exhibit P-20, Requireme	ents Study		AP	PROPRIATION/BUDG	SET ACTIVITY			DATE:	
			Air	craft Procurement, Nav	vy			February	/ 1998
P-1 ITEM NOMENCLATURI	Ε		Admin Lead	Itime (after Oct1):		Pro	od Leadtime :		
Time Frequency Standa	rd			9 mg	onths		:	2 months	
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		0	20	12	21	42	41	39	0
Unit Cost		0.0	30.0	30.0	30.0	30.0	30.0	30.0	0.0
Total Cost		\$0.0	\$600.0	\$360.0	\$630.0	\$1,260.0	\$1,230.0	\$1,170.0	\$0.0
Asset Dynamics									
Beginning Asset Position		0	0	20	32	53	95	136	175
Deliveries from all prior year	funding	0	0	0	0	0	0	0	0
Deliveries from FY 1997 fun	ding	0	20	0	0	0	0	0	0
Deliveries from FY 1998 fun	ding	0	0	12	0	0	0	0	0
Deliveries from FY 1999 fun	ding	0	0	0	21	0	0	0	0
Deliveries from subsequent	years' funding	0	0	0	0	42	41	39	0
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit	ions/etc.								
End of Year Asset Position	า	0	20	32	53	95	136	175	175
Inventory Objective or Curre	nt Authorized Allowance	175	175	175	175	175	175	175	175
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligible for	or	Aircraft:	
175	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replacer	nent:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible for	or	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replacer	nent:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

Remarks:

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Exhibit P-20, Requireme	ents Study			PROPRIATION/BUDG	-			DATE:	
			Airc	raft Procurement, Nav	vy			February	/ 1998
P-1 ITEM NOMENCLATURI	E		Admin Lead	time (after Oct1):		Pi	rod Leadtime :		
Hi Power RF Source				6 mc	onths		Į.	5 months	
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		0	0	4	12	20	16	14	19
Unit Cost		0.0	0.0	40.0	40.0	40.0	40.0	40.0	40.0
Total Cost		\$0.0	\$0.0	\$160.0	\$480.0	\$800.0	\$640.0	\$560.0	\$760.0
Asset Dynamics									
Beginning Asset Position		0	0	0	4	16	36	52	66
Deliveries from all prior year		0	0	0	0	0	0	0	0
Deliveries from FY 1997 fun	0	0	0	0	0	0	0	0	0
Deliveries from FY 1998 fun	U	0	0	4	0	0	0	0	0
Deliveries from FY 1999 fun		0	0	0	12	0	0	0	0
Deliveries from subsequent	years' funding	0	0	0	0	20	16	14	19
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit	ions/etc.								
End of Year Asset Position	n	0	0	4	16	36	52	66	85
Inventory Objective or Curre	ent Authorized Allowance	85	85	85	85	85	85	85	85
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligible	for	Aircraft:	
85	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replace	ement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru	•	FY 1996 thru		Vehicles Eligible	for	PAA:	•
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replace	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augment		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Domorko	•	•		•		•			

Remarks:

 P-1 SHOPPING LIST
 CLASSIFICATION:

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Exhibit P-20, Requireme	nts Study		API	PROPRIATION/BUDG	GET ACTIVITY			DATE:	
			Airc	craft Procurement, Nav	/y			February	/ 1998
P-1 ITEM NOMENCLATURE			Admin Lead	time (after Oct1):		Р	rod Leadtime :		,
Temperature Humidity C	hamber			9 mc	onths		4 m	onths	
		E)/ 4000	E)/ 1007	F)/ 4000	E)/ 4000	F) (0000	E)/ 0004	F) (0000	E) (0000
David Carrents on a		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		0	0	10	15	0	0	0	0
Unit Cost		0.0	0.0	14.0	14.0	0.0	0.0	0.0	0.0
Total Cost		\$0.0	\$0.0	\$140.0	\$210.0	\$0.0	\$0.0	\$0.0	\$0.0
Asset Dynamics									
Beginning Asset Position		0	0	0	10	25	25	25	25
Deliveries from all prior year		0	0	0	0	0	0	0	0
Deliveries from FY 1997 fund	· 0	0	0	0	0	0	0	0	0
Deliveries from FY 1998 fund	- 3	0	0	10	0	0	0	0	0
Deliveries from FY 1999 fund		0	0	0	15	0	0	0	0
Deliveries from subsequent	years' funding	0	0	0	0	0	0	0	0
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attriti	ons/etc.								
End of Year Asset Position	1	0	0	10	25	25	25	25	25
Inventory Objective or Curre	nt Authorized Allowance	25	25	25	25	25	25	25	25
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligible	for	Aircraft:	
25	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replac	ement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible	for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replac	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:	•	•				•			

Remarks:

 P-1 SHOPPING LIST
 CLASSIFICATION:

 DD Form 2454, JUN 86
 ITEM NO.
 51
 PAGE NO.
 11

Exhibit P-20, Requireme	ents Study		API	PROPRIATION/BUDG	SET ACTIVITY			DATE:	
			Airc	craft Procurement, Nav	/y			February	1998
P-1 ITEM NOMENCLATURE	Ε		Admin Lead	time (after Oct1):		Р	rod Leadtime :		
Spectrum Analyzer				7 mc	onths			4 months	
_		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		0	0	28	42	20	14	22	54
Unit Cost		0.0	0.0	27.0	27.0	27.0	27.0	27.0	27.0
Total Cost		\$0.0	\$0.0	\$756.0	\$1,134.0	\$540.0	\$378.0	\$594.0	\$1,458.0
Asset Dynamics									
Beginning Asset Position		0	0	0	28	70	90	104	126
Deliveries from all prior year		0	0	0	0	0	0	0	0
Deliveries from FY 1997 fund	0	0	0	0	0	0	0	0	0
Deliveries from FY 1998 fund	0	0	0	28	0	0	0	0	0
Deliveries from FY 1999 fund	ding	0	0	0	42	0	0	0	0
Deliveries from subsequent	years' funding	0	0	0	0	20	14	22	54
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attriti	ions/etc.								
End of Year Asset Position	า	0	0	28	70	90	104	126	180
Inventory Objective or Curre	ent Authorized Allowance	180	180	180	180	180	180	180	180
Inventory Objective	Actual Training	Other than Training		Disposals		Vehicles Eligible	for	Aircraft:	
180	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replac	ement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible	for	PAA:	
Loads:	xxxxx:	xxxxx:		XXXXX:		FY 1999 Replac	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen		Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Domorko	•	•		•		•		_ · _ <u>~</u>	

Remarks:

P-1 SHOPPING LIST CLASSIFICATION:

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UNCLASSIFIED

			BUDGET I	TEM JUSTI	FICATION	SHEET				DATE:			
				P-40)						Februa	ry 1998	
APPROPRIATION/	BUDGET ACTIVIT	Υ						P-1 ITEM NO	MENCLATUR	Ē			
Aircraft Procure	ement, Navy E	3/A-7									War Con	sumables	
Program Element for	or Code B Items:							Other Related	Program Ele	ments			
	Prior	ID										To	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST (In Millions)	\$296.795		\$16.818	\$17.928	\$13.449	\$15.625	\$11.197	\$10.962	\$10.771	\$10.968	\$11.236	Cont	Cont

The War Consumables line funds procurements of airborne equipment which can be suspended, released, or jettisoned from aircraft, specifically aerial refueling stores. The Common Aircraft Armamaent Equipment (AAE) program procures common bomb racks and peculiar bomb racks and launchers for out-of-production aircraft. The funds presently assigned to each category are as follows:

WAR CONSUMABLES

This program finances procurements of Airborne Equipment which can be suspended, released or jettisoned from aircraft. Requirements are not developed based on the quantity of aircraft being procured but are determined by an inventory objective which supports peacetime/wartime needs. War Consumables inventory items are inventoried by the Naval Inventory Control Point, Philadelphia and are under Naval Air Systems Command program and technical management.

Aircraft equipped with A/A42R-1 Aerial Refueling Stores are required to provide surge and backup refueling for the foreseeable future. With the retirement of the Navy's dedicated tanker fleet and the older Aerial Refueling Stores, evermore reliance is being placed on the A/A42R-1 Aerial Refueling Stores. Aerial refueling Store usage on cruises that have deployed without dedicated tankers, have shown higher usage rates than anticipated. The total reliance on the A/A42R-1 Aerial Refueling Store has required substantial improvements to the existing stores. Significant effort has been spent investigating the various sub-systems in pursuit of reliability enhancements and life cycle cost savings. These investigations have identified a number of areas where substantial improvements can be realized. Incorporation of these changes is planned through the 2003 timeframe.

COMMON AIRCRAFT ARMAMENT EQUIPMENT(AAE)

This project corrects deficiencies in AAE in common, multiple, or out-of-production aircraft; maintaining a baseline to quantify shortages in accordance with OPNAVINST 8380.1 series; procuring common, multiple, or out-of-production aircraft AAE to fill shortages or to meet new requirements; providing production engineering support for AAE; and satisfying the policy goal of commonality set in accordance with the Navy's Strike Warfare Master Plan-OPNAV NOTE S3010. It also procures High Pressure Pure Air Generators (HIPPAGs) for the AV-B and AH1W aircraft. The HIPPAG is a replacement cooling device that is installed in missile launchers to cool infrared (IR) missile seeker heads. Operational limitations of the existing nitrogen bottles include limiting aircraft flight duration, complicating combat turnaround procedures due to frequent bottle replacement, and increasing the maintenance, logistics, and support equipment burden associated with the nitrogen bottles.

P-1 SHOPPING LIST

ITEM NO. 52 PAGE NO. 1 CLASSIFICATION:

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DD Form 2454, JUN 86

	WEA	PONS S	YSTEM COST P-5	ANALY	SIS				Weapon S	/stem							DATE: Februa	ary 1998
	ft Procurement, Navy B/A-7								ID Code			URE/SUBHE sumables	s (47C5)		(Y7C5)		1 00.00	<u>,</u>
	, ,		TOTAL COST	IN THOUS	SANDS OF DO	LLARS			I				·		, ,			
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
	WAR CONSUMABLES * Aerial Refueling Stores Production Support Various 1/		143,708			4,312 1,921			4,091 2,206			2,095 976			3,024 1,941			1,62 2,59
	WAR CONSUMABLES TOTAL		143,708			6,233			6,297			3,071			4,965			4,21
	COMMON AAE Bomb Rack Mod & Test Sets LAU-7 Upgrade & Installation High Press. Pure Air Gen. BRU-32 ILS Product Improvement Product Engineering Acceptance Test IMER/ITER Kits Various (1)	A A A A	14,517 4,441 259 0 810 4,257 7,149 474 12,216 108,964	126	45.238 (2)	1,247 1,811 5,700 0 456 450 921	100	23.000	2,389 5,023 0 2,300 90 627 1,202	155	34.510	966 2,107 5,314 0 279 406 1,306	100	39.300	1,771 2,838 3,930 0 326 663 1,132	42	40.000	441 2,586 1,680 0 397 422 1,458
	COMMON AAE TOTAL		153,087			10,585			11,631			10,378			10,660			6,984
	* Amount requested is for various (1) The amount identified against t	his cost												rool unit o	 	25.00		
	(2) The FY 95 Unit Cost reflects no	on-recuri	ing costs for 296,795	test sets	s, tirst article	testing, fil		icement ki	ts, and cor		managem	13,449		real unit co	15,625			11,19
DD FOR	I M 2446, JUN 86		P-1 SHOPPING	G LIST	<u> </u>				,			10,110	CLASSIFI	CATION:	,			

DD FORM 2446, JUN 86 P-1 SHOPPING LIST

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UNCLASSIFIED

	WEAPONS SYS	TEM COST P-5	Γ ANALYS	IS			Weapon S	ystem							DATE: Fe l	bruary 19	998
	ft Procurement, Navy B/A-7						ID Code	P-1 ITEM	War Co	ATURE/SUBI nsumable nsumable	es (47C5		E (Y7C5)	1		-	
COST	ELEMENT OF COST		FY 2000			FY 2001			FY 2002			FY 2003		To C	omplete	Т	otal
CODE		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
	WAR CONSUMABLES * Aerial Refueling Stores Production Support WAR CONSUMABLES TOTAL			1,491 2,670 4,161			1,363 2,750 4,113			1,375 2,833 4,208			1,418 2,918 4,336	CONT.	CONT.	CONT.	CONT CONT
	COMMON AAE Bomb Rack Mod & Test Sets LAU-7 Upgrade & Installation High Press. Pure Air Gen. BRU-32 ILS Product Improvement Product Engineering	44	41.200	363 2,231 1,813 0 509 385 1,500	34	42.410	433 2,286 1,442 0 527 470 1,500	34	43.620	495 2,115 1,483 0 575 494 1,598		44.910	538 2,002 1,527 0 610 560 1,663		CONT. CONT. CONT. CONT. CONT. CONT.		CONT CONT CONT CONT CONT CONT
	* Amount requested is for various B	ECPs		6,801			6,658			6,760			6,900				
	<u> </u>	1		10,962			10,771			10,968			11,236				

DD FORM 2446, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

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UNCLASSIFIED

BUDGET PROCUREM	ENT HISTO	RY AND P	LANNING EXHIBI	T (P-5A)		Weapon System		A. DATE		
					_				ebruary 19	998
B. APPROPRIATION/BUDGET					C. P-1 ITEM NON	MENCLATURE			SUBHEAD	
Aircraft Procureme	ent, Navy	BA-7			War Consun	nables, Common AAE			Y7	'C5
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABLE
Bomb Rack Mod Kits FY-97	Various	Various 1/	NAVAIR	Various	PCP/FP	Unknown	Various	Various	Yes	N/A
FY-98	Various	Various 1/	NAVAIR	Various	PCP/FP	Unknown	Various	Various	Yes	N/A
FY-99	Various	Various 1/	NAVAIR	Various	PCP/FP	Unknown	Various	Various	Yes	N/A
LAU-/ Upgrade & Installs										
FY-97	Various	Various 2/	NAVAIR	Various	PX	Unknown	Various	Various	Yes	N/A
FY-98	Various	Various 2/	NAVAIR	Various	PX	Unknown	Various	Various	Yes	N/A
FY-99	Various	Various 2/	NAVAIR	Various	PX	Unknown	Various	Various	Yes	N/A
High Pressure Air Generator										
FY-97	155	34,510.0	NAVAIR	Nov-96	SS/FP (OPTION)	Ultra Electronics, England	Mar-97	Aug-97	Yes	N/A
FY-98	100	39,300.0	NAVAIR	Aug-97	SS/FP (OPTION)	Ultra Electronics, England	Dec-97	May-98	Yes	N/A
FY-99	42	40,000.0	NAVAIR	Jul-98	SS/FP (OPTION	Ultra Electronics, England	Dec-98	May-99	Yes	N/A
<u>BRU-32</u> FY96	100	23,000.0	NAVAIR	May-96	PX	LUCASKLUNE	Jul-96	Apr-97	Yes	N/A

D. REMARKS

P-1 SHOPPING LIST ITEM NO. DD Form 2446-1, JUL 87 PAGE NO. 52

^{1/} Bomb Rack Mod Kit will be used for various modification kits for BDU-48 Practice Bombs Adapters, IMER/ITER conversions, BRU-15 Lema. These are for different aircraft having various quantity requirements with an estimated price range of fifty (50) to eight thousand (8,000) dollars per unit.

^{2/} LAU-7 funding will be used for various modification kits to implement a multiple ECP which will modify the aft snubber, retention band assembly, forward fairing, and latch pin; and an ECP to correct inadvertent missile loss during arrested landings.

Y 1998/99 BUDGET PRODU	CTIO	N SC	HEDL	JLE, F	P-21								.,		_			DATE							1998					
PPROPRIATION/BUDGET AG ircraft Procurement, Na	-											'	Nea	•		stem			ITE Wa	r Cc	onsu					on A	٩AE	(Y7	7C5)	5)
							Prod	duct	ion I	Rate)					cure					S									
Item gh Pressure Pure Air Genera		lame	ufacto and L ectror	ocatio		M: N		1-8		MA NA			T Pi Oct			T Af Oct 1 2			nitia g Pl 5			eord fg P		,	Tota			Un Mea EA		
Ultra Electronics									F	ISCA	L YE	AR 1	997									FISC	CAL Y	'EAR	1998					T
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	O C T	1996 N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	YEAF J U L	A U G	7 S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	1998 J U	A U G	S E P	
High Press. Air Gen. Ultra Electronics Ultra Electronics Ultra Electronics Ultra Electronics	95 97 98 99	N N N	126 155 100 42	0 40 0	126 115 100 42				18	18	18 A	18	18			20	20	20	20	15 A	15	20	15	10	5	5	10	10	10)
										FISC	AL Y	EAR	1999									FISC	CAL Y	'EAR	2000					1
ITEM / MANUFACTURER	F	S	Q	D	В		1998					C	ALEN	IDAR	YEAF	R 199	9						CA	LEND	AR Y	EAR :	2000			
	Y	V C	T Y	EL	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	JUL	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
High Press. Air Gen. Ultra Electronics Ultra Electronics Ultra Electronics	97 98 99	N N N	155 100 42	155 40 0	0 60 42	10	10	10 A	10	10	5	5	7	7	7	7	7	7												

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST

311 / 244 ITEM NO PAGE Exhibit P-21 Production Schedule 52 5

UNCLASSIFIED CLASSIFICATION:

Exhibit P-20, Requirement	s Study		AF	PROPRIATION/BU	JDGET ACTIVIT	Y	D	ATE:	
	•		Ai	rcraft Procureme	ent, Navy BA-7			Febr	uary 1998
P-1 ITEM NOMENCLATURE:	SH Y7C5 War Consuma	bles,Common	AAE Admin Lead	time (after Oct1):		Pro	d Leadtime :		-
High Pressure Pure Air Gen	erator (HIPPAG)			2			5		
g	orator (r.m. r. r.to)					1	1		
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		0	155	100	42	44	34	34	34
Unit Cost (\$K)		0	\$35	\$39	\$40	\$41	\$42	\$44	\$45
Total Cost (\$K)		\$0.0	\$5,314	\$3,930	\$1,680	\$1,813	\$1,442	\$1,483	\$1,527
Asset Dynamics									
Beginning Asset Position		0	0	166	321	416	467	501	535
Deliveries from all prior year fu	nding	0	126	0	0	0	0	0	0
Deliveries from FY 1997 funding	ng	0	40	115	0	0	0	0	0
Deliveries from FY 1998 funding	ng	0	0	40	60	0	0	0	0
Deliveries from FY 1999 funding	ng	0	0	0	35	7	0	0	0
Deliveries from subsequent year	ars' funding	0	0	0	0	44	34	34	34
Other Gains		0	0	0	0	0	0	0	0
Combat Losses/Usage		0	0	0	0	0	0	0	0
Training Losses/Usage		0	0	0	0	0	0	0	0
Test Losses/Usage		0	0	0	0	0	0	0	0
Other Losses/Usage		0	0	0	0	0	0	0	0
Disposals/Retirements/Attrition	is/etc.	0	0	0	0	0	0	0	0
End of Year Asset Position		0	166	321	416	467	501	535	569
Inventory Objective or Current	Authorized Allowance	863	863	863	863	863	863	863	863
Inventory Objective	Actual Training	Other than Train	ning	Disposals		Vehicles Eligible for	or	Aircraft:	
	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replacer		TOAI: 0	
Assets Rqd For Combat F	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible for		PAA:	
	XXXXX 0	XXXXX: 0		XXXXX: 0		FY 1999 Replacer	nent: 0	TAI 0	
WRM Rqmt:	FY 1995: 0	FY 1995: 0		FY 1995: 0		Vehicle Augment:	0	Attrition Res:	0
Pipeline: 64	FY 1994: 0	FY 1994: 0	•	FY 1994: 0	•			BAI	0
	FY 1993: 0	FY 1993: 0		FY 1993: 0				Inactive Inv:	0
TOTAL: 863								Storage:	0

Remarks:

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Combat loads are specified by OPNAV Instruction 8380.1B

CLASSIFICATION:

P-1 SHOPPING LIST ITEM NO. 52 PAGE NO. 6

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			В	UDGET ITEM	JUSTIFICATION	ON SHEET				DATE:			
					P-40						February	1998	
APPROPRIATION/BU	IDGET ACTIVIT	Y						P-1 ITEM NOMENO	CLATURE	•			
Aircraft Procuren	nent, Navy E	3A-7							OTHER	PRODUCTIO	N CHARGES		
Program Element for 0	Code B Items:							Other Related Prog	ram Elements				
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST													
(In Millions)	*		\$22,912.0	\$21,348.0	\$13,680.0	\$9,226.0	\$7,552.0	\$26,067.0	\$22,070.0	\$25,140.0	\$25,367.0	CONT	CONT

The Other Production Charges line provides funds for miscellaneous production support and testing services, aircraft cameras, various equipment for United States Coast Guard aircraft, aircraft pods, and instrumentation packages supporting tacticial aircrew combat training and mobile sea range systems. The budget request supports the following efforts:

GFE PRODUCTION SUPPORT

This program manages production engineering support for the entire range of Government Furnished Equipment being acquired for prime aircraft of system manufacturers, and safety equipment at NAVAIR. Testing of this equipment is required to qualify new or reactivated producers and to determine adequacy of previously developed hardware for use. This hardware includes electrical, avionic, hydraulic, and mechanical equipment. Tests are performed by commercial testing laboratories, at selected field activities, or at suppliers' facilities under government surveillance.

Provides an engineering approach that analyzes GFE reliability and maintainability deficiencies encountered in design, development, test, manufacturing, and management that provide a potential for significant cost savings on new programs. The qualification of producers and equipment ensures an industrial base of proven performance to ensure GFE compliance to specifications, reliability, and availability.

LARGE AREA TRACKING RANGE (LATR)

This program supports battle group readiness exercises by providing independent real time Global Positioning Systems (GPS) based tracking and display of all participants. The LATR will be integrated into existing fixed ranges at Southern California (SOCAL) and the Virginia Capes (VACAPES). During LATR excercises, each participant must be equipped with a Participant Instrumentation Package (PIP) which contains a Relay-Reporter-Responder (R3) transponder unit. The PIPs are either external pods or internal PIPs (IPIP) and are installed on surface and aircraft platforms. The R3 unit is a transponder and data link which has the capability to range on other units

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

P-1 SHOPPING LIST

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			BUDGET	ITEM JUSTI	FICATION S	HEET				DATE:			
				P-40)						Februa	ry 1998	
APPROPRIATION/BUDG	GET ACTIVIT	Y						P-1 ITEM NO	MENCLATURE				
Aircraft Procureme	nt, Navy								OTH	ER PRODUC	CTION CHAP	RGES	
Program Element for Co	de B Items:							Other Related	Program Elem	nents			
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST													
	*		\$22,912.0	\$21,348.0	\$13,680.0	\$9,226.0	\$7,552.0	\$26,067.0	\$22,070.0	\$25,140.0	\$25,367.0	CONT	CONT

LARGE AREA TRACKING RANGE (cont.)

or transmit data from equipment interfaced to it, and report that information back to the ground computer. R3 units are required on all participants in order to be linked with the ground system. PIPs are airborne pods (Sidewinder shape) which provide tracking and event data to the LATR ground station via a self contained transponder. There are two variants of the IPIPs, one for Fixed Wing Internal (FWI) aircraft, and one for Rotary Wing (RW) aircraft. The Ship Instrumentation Package (SIP) provides ship track information to the LATR ground station via the self contained transponder.

TACTICAL AIRCREW COMBAT TRAINING SYSTEM (TACTS)

This program provides an instrumentated air space for air-to-air and air-to-ground tactical operations to be conducted and monitored. A joint program with USAF, TACTS is the same as the AF Air Combat Maneuvering Instrumentation. Navy ranges are located at NAS Oceana, VA; MCAS Yuma; AZ, MCAS Beaufort, SC; NAS Fallon, NV; MCAS Cherry Pt., NC. All of the ranges are used by Navy, AF, ANG and Reserves for basic air combat training up to strike mission training. All ranges provide state vector tracking, display aircrew performance for observation by a range training officer, and present real time results of simulated weapons fired or delivered during exercises. Data is also recorded for replay of the exercises to debrief participants and enhance the training received.

Each aircraft participant in the TACTS exercise is equipped with an Aircraft Instrumentation Subsystems (AIS) to collect and communicate the data essential for state vector tracking and weapons simulation. The AIS (pods) requires various special cables and ECPs to interface with different aircraft and weapon systems. An AIS Internal (AISI) is used on the F/A-18 and the AV-8. In addition, various support equipment and test sets are required for this equipment.

The FY-99 program will provide for systems engineering efforts in preparation of the procurement of encryption retrofit kits for the AISI(K)s and related support systems. Encryption of the data link between the AISI(K) and TACTS Control and Computation Subsystem (CCS) is required for TACTS to access classified weapon system data needed for advanced weapons training.

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

P-1 SHOPPING LIST

PAGE NO. 2

CLASSIFICATION:

UNCLASSIFIED

ITEM NO. 53 DD Form 2454, JUN 86

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			BUDGET	ITEM JUST	FICATION S	SHEET				DATE:			
				P-40)						Februa	ry 1998	
APPROPRIATION/BUDG	GET ACTIVITY	1						P-1 ITEM NO	MENCLATURE				
Aircraft Procureme	nt, Navy								отні	ER PRODUC	CTION CHAP	RGES	
Program Element for Co	de B Items:							Other Related	Program Elem	nents			
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST	*		\$22,912.0	\$21,348.0	\$13,680.0	\$9,226.0	\$7,552.0	\$26,067.0	\$22,070.0	\$25,140.0	\$25,367.0	CONT	CONT

JOINT TACTICAL COMBAT TRAINING SYSTEM (JTCTS)

This program will develop and procure fixed, transportable, and mobile range instrumentation equipment for the USN and USAF for both shore-based (aircrew training) and deployable (ships/sub/aircrew training) applications. JTCTS instrumentation will transmit exercise scenarios; simulate/stimulate all exercise participants sensors/weapons with the exercise scenarios; track all exercise participants and events, e.g. weapons engagements; and provide accurate, realistic, and timely exercise feedback. JTCTS is building on technology developed for existing tactical training range systems including the Tactical Aircrew Combat Training System, Large Area Tracking Range and the capabilities developed for the in-port Battle Force Tactical Trainer program. JTCTS will incorporate the Defense Modeling and Simulation Office sponsored Distributed Interactive Simulation protocol data unit and the High Level Architecture for the interoperability with the Navy and other service live, virtual simulators, and constructive (war games) simulators.

AERIAL CAMERAS REWSON

This program procures aerial cameras and related support and test equipment for Naval Aircraft. Applications include, but are not limited to reconnaissance, surveillance, bomb damage and strike photography. Equipment procured are used to provide intelligence gathering equipment for the F-14 TARPS and replacement/retrofit cameras for the TARPS pod. The items being purchased are required to replace obsolete and worn equipment, meet the needs of current requirements regarding reconnaissance, and ensure safety requirements are met.

OTHER CAMERAS

This program provides Aerial Cameras and support equipment used in surveillance missions. Systems procured are used to support aerial photographic operations, to include, bomb damage assessment, sea/land/air surveillance, and potential targeting imagery. Procurement includes hand held digital camera systems and digital imagery workstations. Imagery is used to provide visual assistance to enhance decision making throughout the operational chain of command.

* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

P-1 SHOPPING LIST

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CLASSIFICATION:

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DD Form 2454, JUN 86

ITEM NO.

	WEAPO	NS SY	STEM COST	ANALYS	IS				Weapon Sy	rstem							DATE:	
	PRIATION/BUDGET ACTIVITY		P-5						ID Code	P-1 ITEM NO	MENCLATU	JRE/SUBHEA	D				Febr	uary-98
ircraft	Procurement, Navy									OTUED DE	ODUCTION	ON OUA DO						
			TOTAL COS	T IN THOUS	SANDS OF D	OLLARS				OTHER PR	RODUCTIO	ON CHARG	ES					
						022, 0												
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Co
	GFE PRODUCTION																	
	QUALITY ASSURANCE					2,113			2,128			2,571			2,120			1,33
	COMMON AVIONICS DECENTRAL					6,585			2,441			1,621			0			
	PRODUCTION SUPPORT					4 70 4			5 400			4 574			4 405			4.40
	NAWC - AD NAWC -WD					4,704 125			5,169 125			1,571 100			1,495 100			1,10 10
	NSWC -WD					500			600			425			400			30
	CONTRACTUAL PRODUCTION SUP					000			000			2,300			2,300			1,50
	(PREVIOUSLY NAWC-INDY)											2,000			2,000			.,00
	GFE TOTAL					14,027			10,463			8,588			6,415			4,33
	LATR SAIPs																	
	FIXED WING SAIP PIPs						0	0	0	0	0	0	0	0	0	0	0	
	FIXED WING IPIP						0	0	0	0	0	0	0	0	0	0	0	
	ROTARY WING IPIP						0	0	0	0	0	0	0	0	0	0	0	
	TEST SETS						0	0	0	0	0	0	0	0	0	0	0	
	ECPs						0	0	534	N/A	0	342	0	0	0	0	0	1
	ENCRYPTION KITS PE/ILS						0	0	0 880	0	0	0 610	0	0	0	0	0	
	PE/ILS						U	U	880	0	U	610	U	0	0	U	0	'
	LATR TOTAL								1,414			952			0			(
	TACTS																	
	INTERFACE UNITS						0	0	0	0	0	0	0	0	0	0	0	
	ECPs						0	0	0	0	0	0	0	0	0	0	0	
	ENCRYPTION KITS						0	0	0	N/A	0	0	N/A	0	0	N/A		224
	PE/ILS						N/A	0	1,463	N/A	0	1,011	0	0	0	N/A	0	(
	TACTS TOTAL								1,463			1,011			0			22

PAGE NO.

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	WEAPON	NS SYS	P-5	ANALYSIS	8				Weapon Sy	rstem							DATE: February	1008
	PRIATION/BUDGET ACTIVITY - 7 AFT PROCUREMENT NAVY/AIRCRAFT	SUPF		PMENT &	FACILIT	IES			ID Code			JRE/SUBHEA					ji ebi dai y	1330
			TOTAL COS	T IN THOUS	SANDS OF I	OOLLARS				<u> </u>								
COST	ELEMENT OF COST	ID Code	Prior Years		FY 1995			FY 1996			FY 1997			FY 1998			FY 1999	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
	JTCTS 1. INTERFACE UNITS 2. PE/ILS					0			0			0			0			
	JTCTS TOTAL					0			0			О			0			
	REWSON MISC SMALL EQUIPMENT & ECPS ASQ-197 SENSOR DATA CONTROLS	A A		15	200	5,741 3,000	14	200	3,338 2,800		260	1,569 520	2	265	1,376 530	2	2 270	1,49 54
	REWSON TOTAL					8,741			6,138	1		2,089			1,906			2,03
	OTHER CAMERAS ENGINEERING/LOGISTICS SUPPORT FOR DIGITAL CAMERA SYSTEM					144	N/A		400			269			261			24
	MISC SMALL EQUIPMENT UNDER \$1 BASE STATION W/ PRINTER DIGITAL CAMERA	N/A N/A N/A				0	10	110	0 1,100 0		150	171 600 0	1 24	155 20	19 155 470	35	20	70
	OTHER CAMERAS TOTAL					144			1,500			1,040			905			95
	COAST GUARD TOTAL					0			370			0		0	0			
	<u> </u>		0			22,912			21,348			13,680			9,226			7,55

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P-1 SHOPPING LIST

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CLASSIFICATION:

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	WEAPONS SYST	EM COST	ANALYSIS	3			Weapon Sy	stem							DATE:		
		P-5														February-98	8
	PRIATION/BUDGET ACTIVITY						ID Code	P-1 ITEM N	IOMENCLAT	TURE/SUBHE	AD						
Aircraf	t Procurement, Navy																
	1							OTHER F	RODUCT	ION CHAR	GES						
COST	ELEMENT OF COST		FY 2000			FY 2001			FY 2002			FY 2003		To C	omplete	7	Γotal
CODE	_		I			Luia .										0	
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
	GFE PRODUCTION																
	QUALITY ASSURANCE			1,312			1,174			1,302			1,311		CONT		CONT
	PRODUCTION SUPPORT																
	NAWC - AD			1,098			1,000			1,233			1,360				
	NAWC -WD			100			100			100			100		CONT		CONT
	NSWC			200			150			100			100		CONT		CONT
	CONTRACTUAL PRODUCTION SUP	•		1,400			1,339			1,200			1,200		CONT		CONT
	(PREVIOUSLY NAWC-INDY)																
	GFE TOTAL			4,110			3,763			3,935			4,071				
	LARGE AREA TRACKING RANGE																
	ENCRYPTION KITS			0			0	100	15	1,500	100	15	1,500		CONT.		CONT.
	PE/ILS/T&E			0			0	N/A		428	N/A		423				
	LATR TOTAL			0			0			1,928			1,923				
	TACTS																
	ENCRYPTION KITS (TACTS)	148	24	3,552			0			0			0			148	3,776
	PE/ILS/T&E	N/A		689			0			0			0				3,163
	TACTS TOTAL			4,241			0			0			0				6,939

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UNCLASSIFIED CLASSIFICATION:

	WEAPONS SYST	EM COST P-5	ANALYSIS	}			Weapon Sy	rstem							DATE: February 199	8	
1	RIATION/BUDGET ACTIVITY - 7 AFT PROCUREMENT NAVY/AIRCRAF	T SUPPO	ORT EQUI	PMENT & I	FACILITIE		ID Code			TURE/SUBHI					•		
COST	ELEMENT OF COST		FY 2000			FY 2001			FY 2002			FY 2003		To Co	omplete	Т	otal
CODE		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
	JTCTS 1. INTERFACE UNITS 2. PE/ILS	71 N/A		12,264 2,500	84 N/A	154	12,902 2,500		142	14,293 2,000	101 N/A	141	14,269 2,000			357	53,728 9,000
	JTCTS TOTAL			14,764			15,402			16,293			16,269				62,728
	REWSON MISC SMALL EQUIPMENT & ECPS ASQ-197 SENSOR DATA CONTROLS REWSON TOTAL	2	275	1,453 550 2,003	2	280	1,410 560 1,970			2,022 0 2,022			2,105 0 2,105		15,211 0 15,211	63	35,716 8,500 44,216
	OTHER CAMERAS ENGINEERING/LOGISTICS SUPPOR FOR DIGITAL CAMERA SYSTEM MISC SMALL EQUIPMENT UNDER \$ BASE STATION W/ PRINTER DIGITAL CAMERA		28*	249 0 0 700		29	268 7 0 660		29	285 17 0 660	23	29	297 32 0 670		2,625	15 153	5,042 260 1,855 3,860
	OTHER CAMERAS TOTAL * Increase in unit cost between FY99 a			949			935			962			999		2,625		11,017
				26,067			22,070			25,140			25,367		CONT		CONT

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CLASSIFICATION: UNCLASSIFIED

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Cost Element/FISCAL YEAR COST (000) ASQ-197 SENSOR DATA CONTROLS FY 1997 2 260.0 Naval Air Sys. Com. FY 1998 2 265.0 Naval Air Sys. Com. OF PCO REFP ISSUE DATE METHOD & CONTRACTOR AND LOCATION METHOD & AND LOCATION STREET DELIVERY AVAILABLE REVIS AVAILABLE NOW AVAIL SS/RCP/FP FAIRCHILD-Germantown, MD Apr-97 Nov-97 YES N/FY 1998 SS/FP FAIRCHILD-Germantown, MD Feb-98 Sep-98 YES N/FY 1998	BUDGET PROCUREM	ENT HISTO	RY AND	PLANNING EXHIBIT	Γ (P-5A)		Weapon System		A. DATE		
AIRCRAFT SUPPORT EQUIPMENT & FACILITIES Cost Element/ FISCAL YEAR QUANTITY ASQ-197 SENSOR DATA CONTROLS FY 1997 2 260.0 Naval Air Sys. Com. PY 1998 2 265.0 Naval Air Sys. Com. Naval Air Sys. Com. Naval Air Sys. Com. Oct-97 OTHER PRODUCTION CHARGES/ AERIAL CAMERAS REWSON CONTRACT METHOD CONTRACTOR AWARD FIRST DELIVERY METHOD & CONTRACTOR AND LOCATION AWARD FIRST DELIVERY AWARD DATE OCT-96 SS/RCP/FP FAIRCHILD-Germantown, MD Apr-97 Nov-97 YES N/FY 1998 SS/FP FAIRCHILD-Germantown, MD Feb-98 Sep-98 YES N/FS									February	1998	
Cost Element/FISCAL YEAR COST (000) COST	AIRCRAFT PROCURE	MENT, NA		ILITIES		OTHER PRO	DUCTION CHARGES/			Y7C6	
CONTROLS 2 260.0 Naval Air Sys. Com. Oct-96 SS/RCP/FP FAIRCHILD-Germantown, MD Apr-97 Nov-97 YES N/ FY 1998 2 265.0 Naval Air Sys. Com. Oct-97 SS/FP FAIRCHILD-Germantown, MD Feb-98 Sep-98 YES N/		QUANTITY	COST			METHOD			FIRST	AVAILABLE	DATE REVISIONS AVAILABLE
FY 1998 2 265.0 Naval Air Sys. Com. Oct-97 SS/FP FAIRCHILD-Germantown, MD Feb-98 Sep-98 YES N/	CONTROLS	\ \									
	FY 1998	2	265.0	Naval Air Sys. Com.	Oct-97	SS/FP	FAIRCHILD-Germantown, MD	Feb-98	Sep-98	YES	N/A N/A N/A
D. REMARKS	D DEMARKS										

ITEM NO. 53 8 Classification:

FY 1998/99 BUDGET PRODUC			EDULI	E, P-2	1													DATI				ebr								
APPROPRIATION/BUDGET AC APN/AIRCRAFT SUPPORT EC			FAC	ILITIE	: ç								Wea	apor	Sy:	stem			ITE RIAI											
						Υe	ar P	rod	uctio	on R	ate				Pro	cure			adti											
			nufacti			MS	R			MA	Χ			rior		T A			Initia			eorc						Ur	nit of	f
Item			and L				ear)		ear)				Oct			Oct			fg P			fg P			Tota				asur	е
ASQ-197 Sensor Data Control	Fairc	hild, G	erma	ntown	n, MD	2	2	72	2	14	14	;	3 ma)	;	3 m)	8	3 mo	S	8	3 mc	S	1	1 m	os			E	
		1	1	1					-	ISCA	I VE	R 10	97									FISC	:ΔΙ V	EAR	1998					_
ITEM / MANUFACTURER	F	S	Q	D	В		1996			100/1				NDAR	YEAF	R 199	7					1100				EAR 1	1998			-
	Y	V C	T Y	E L	A L	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J J	J U L	A U G	S E P	B A L
ASQ-197 - Fairchild	96		14			!	2	2	2	2	2	2	2	IN	-		'	'	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		11		IX.	IX	<u>'</u>	IN	-		<u> </u>	0
ASQ-197 - Fairchild	97		2																2											0
ASQ-197 - Fairchild	98		2																										2	0
										FIO	201.2	FAD.	4000									FIO		(FAD	0000					
ITEM / MANUFACTURER	F	s	Q	D	В		1998			FISC	CAL Y			JDAR	YEAF	2 100	a					FISC		EAR		EAR 2	2000			-
TIEM/ WANG ACTOREK	Y	V C	T Y	E	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
ASQ-197 - Fairchild	99		2														2													0
ASQ-197 - Fairchild ASQ-197 - Fairchild	00		2																										2	2
Remarks:																														

Exhibit P-21 Production Schedule

311 / 244

UNCLASSIFIED CLASSIFICATION:

Exhibit P-20, Requireme	ents Study			PROPRIATION/BU			DA [*]	TE: bruary 1998	
P-1 ITEM NOMENCLATUR	 E			adtime (after Oct1			Leadtime :	ordary 1550	
AERIAL CAMERAS REWSON	J		3 m	•	,		8 mos		
ALKIAL GAMERAG REVIOU	<u> </u>			1	1		0 11100		
		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		14	2	2	2	2	2	0	0
Unit Cost		200	260	265	270	275	280	0	0
Total Cost		2,800	520	530	540	550	560	0	0
Asset Dynamics									
Beginning Asset Position		24	39	53	55	57	59	61	63
Deliveries from all prior year	r funding	15	14	0	0	0	0	0	0
Deliveries from FY 1997 fur	nding	0	2	0	0	0	0	0	0
Deliveries from FY 1998 fur	nding	0	0	2	0	0	0	0	0
Deliveries from FY 1999 fur	nding	0	0	0	2	0	0	0	0
Deliveries from subsequent	years' funding	0	0	0	0	2	2	2	0
Other Gains		0	0	0	0	0	0	0	0
Combat Losses/Usage		0	0	0	0	0	0	0	0
Training Losses/Usage		0	0	0	0	0	0	0	0
Test Losses/Usage		0	0	0	0	0	0	0	0
Other Losses/Usage		0	0	0	0	0	0	0	0
Disposals/Retirements/Attrit	tions/etc.	0	0	0	0	0	0	0	0
End of Year Asset Positio	n	39	53	55	57	59	61	63	63
Inventory Objective or Curre	ent Authorized Allowance	63	63	63	63	63	63	63	63
Inventory Objective	Actual Training	Other than Tra	ining	Disposals		Vehicles Eligible	for	Aircraft:	
63	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replac	ement:	TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible	for	PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replac	ement:	TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other: 63	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

1 each for 49 pods 49 <u>14</u> 63 Plus spares

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BUDGET PROCURE	EMENT HISTO	DRY AND	PLANNING EXHIBIT	(P-5A)		Weapon System		A. DATE	1009	
B. APPROPRIATION/BUDG AIRCRAFT PROCUL AIRCRAFT SUPPOR	REMENT NAV		CILITIES		C. P-1 ITEM NOM OTHER PRO OTHER CAM	DUCTION CHARGES/		February	SUBHEAD Y7C6	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
BASE STATION										
FY 1997 FY 1998	1	150 155	NRAD, Philadelphia NRAD, Philadelphia	Apr-97 Apr-98		NRAD, PHILA NRAD, PHILA	Jun-97 Jun-98	Dec-97 Dec-98	N/A N/A	N/A N/A
DIGITAL CAMERA	24	20	Navel Air Contains	Mar 00	CC/MIDD/FD	FACTMAN KODAK	May 00	Con CO	NI/A	NI/A
FY 1998 FY 1999	24 35	20	Naval Air Systems Command HQ Naval Air Systems	Mar-98 Mar-99		EASTMAN KODAK -ROCHESTER, NY EASTMAN KODAK	May-98 May-99	Sep-98 Sep-99	N/A N/A	N/A N/A
			Command HQ			-ROCHESTER, NY				
D. REMARKS										
DD Form 2446-1 IIII 87			P-1 SHOPPING LIST	ITEM NO	PAGE NO		Classification			

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		DULE	E, P-2	1							1																		
		IES										Wea	pon	Sys	stem								TUR	E					
						Prod	duct	ion I	Rate)																			
	Name	and L	ocatio				1-8				to	Oct	1	(Oct 1	1	M	fg Pl	Т	M	fg Pl	LT			al		Mea		
al Camera Eastman Kodak, Roce Station NRAD, Philadelphia																											E		
																													<u> </u>
	l	l		l				F	ISCAL	YFA	R 199	97									FISC	:Al Y	FAR	1998					
ITEM / MANUFACTURER F S Q D B 1996													IDAR	YEAR	199	I 7					1100				EAR 1	998			ĺ
Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
98		24																										24	0
96 97		10 4					10												4										0
									FISC	AL YE											FISC								
F Y	S V C	Q T Y	E L	A L	O C T	1998 N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	YEAR J U L	A U G	9 S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P	M A Y	J	J U L	A U G	S E P	B A L
99 00 01 02 03		35 25 23 23 23														35												25	0 0 23 23 23
98		1					1																						0
	F Y 99 00 01 02 03	TIVITY - 7 ENT & FACILIT Mare Eastman K NRAD, Phi F S Y C 98 96 97 F S Y C 98 96 97 G 99 00 01 02 03	F S Q Y V T C Y 98 24 96 10 97 4 F S Q Y V T C Y 98 24 96 10 97 4	F S Q D D Y V T E C Y L 98 24 96 10 97 4 F S Q D D Y V T E C Y L 98 24 96 10 97 4 F S Q D D T E C Y L	### S	TIVITY - 7 ENT & FACILITIES Manufacturer's Name and Location MS Eastman Kodak, Rochester N/A NRAD, Philadelphia N/A F	TIVITY - 7 ENT & FACILITIES Manufacturer's MSR Eastman Kodak, Rochester N/A NRAD, Philadelphia N/A F	Name and Location	Name and Location MSR 1-8-5	Name and Location MSR 1-8-5 M/A	Production Rate	Name and Location MSR 1-8-5 MAX to	Name and Location	TIVITY - 7 ENT & FACILITIES Manufacturer's Name and Location MSR 1-8-5 MAX to Oct 1	Name and Location MSR	TIVITY - 7 ENT & FACILITIES Manufacturer's Name and Location MSR 1-8-5 MAX to Oct 1 Oct 1	TIVITY - 7 ENT & FACILITIES Production Rate Manufacturer's Name and Location MSR	TIVITY - 7 ENT & FACILITIES Production Rate Manufacturer's Name and Location MSR 1-8-5 MAX 1-8-6	TIVITY - 7	TIVITY - 7 ENT & FACILITIES Production Rate Procurement Leadtimes Production Rate Procurement Leadtimes ALT Prior ALT After Oct 1 Mfg PLT Eastman Kodak, Rochester N/A N/A 2 MOS 7 MOS 4 MOS NRAD, Philadelphia N/A N/A 3 MOS 8 MOS 6 MOS FISCAL YEAR 1997 C Y L L C O E A E A E A P A U U U E C O E C O E T V C N B R R R Y N L G P T V C C N B C Y L L C C O E A E A R R Y N L G P T V C C O E C Y L L C C O E A E A R R Y N L G P T V C C O E C C C C C C C C C C C C C C C C	TIVITY - 7 ENT & FACILITIES Production Rate	TIVITY - 7 ENT & FACILITIES Production Rate Procurement Leadines ALT Prior ALT After Initial Reord	TIVITY - 7 ENT & FACILITIES Production Rate	TIVITY - 7 ENT & FACILITIES Production Rate	Name and Location	Name and Location	Production Rate	TIVITY - 7 Weapon System	TIVITY - 7 Weapon System

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CLASSIFICATION: UNCLASSIFIED

DD Form 2454, JUN 86

Exhibit P-20, Requireme	ents Study		AP	PROPRIATION/BL	JDGET ACTIVIT	Y - 7	DA	TE:	
•	•		API	N/AIRCRAFT SUPP	ORT EQUIPMENT	Γ & FACILITIES		February	1998
P-1 ITEM NOMENCLATUR	E		Admin Le	eadtime (after Oct1):	Prod	Leadtime :		
OTHER PRODUCTION (CHARGES/OTHER CAMER	AS - Y7C6		8 MOS			6 MOS		
BASE STATION W/ PRINT	ER	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		10	4	1					
Unit Cost		110	150	155					
Total Cost		1100	600	155					
Asset Dynamics									
Beginning Asset Position		0	10	14	15	15	15	15	15
Deliveries from all prior yea	r funding	10	0	0	0	0	0	0	0
Deliveries from FY 1997 fur		0	4	0	0	0	0	0	0
Deliveries from FY 1998 fur	<u> </u>	0	0	1	0	0	0	0	0
Deliveries from FY 1999 fur	<u> </u>	0	0	0	0	0	0	0	0
Deliveries from subsequent	years' funding	0	0	0	0	0	0	0	0
Other Gains		0	0	0	0	0	0	0	0
Combat Losses/Usage		0	0	0	0	0	0	0	0
Training Losses/Usage		0	0	0	0	0	0	0	0
Test Losses/Usage		0	0	0	0	0	0	0	0
Other Losses/Usage		0	0	0	0	0	0	0	0
Disposals/Retirements/Attri		0	0	0	0	0	0	0	0
End of Year Asset Positio		10	14	15	15	15	15	15	15
Inventory Objective or Curre		15	15	15	15	15	15	15	15
Inventory Objective	Actual Training	Other than Train	ing	Disposals		Vehicles Eligible		Aircraft:	
15	Expenditures	Usage		(Vehicles/Other))	FY 1998 Replace		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replace		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	<u>: </u>	Attrition Res:	
Pipeline: Other: 15	FY 1994:	FY 1994:		FY 1994:					
Other: 15 TOTAL:	FY 1993:	FY 1993:		FY 1993:				Inactive Inv: Storage:	
								Sicrage.	

P-1 SHOPPING LIST

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UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED CLASSIFICATION:

Exhibit P-20, Requireme	ents Study			PROPRIATION/BU			DA ⁻	TE: oruary 1998	
P-1 ITEM NOMENCLATUR	E		Admin Le	adtime (after Oct1):		Prod	Leadtime :	-	
OTHER PRODUCTION (CHARGES/OTHER CAMER	AS - Y7C6	7 N	nos	1			4 MOS	T
DIGITAL CAMERAS		FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary		0	0	24	35	25	23	23	23
Unit Cost		0	0	20	20	28	29	29	29
Total Cost		0	0	470	700	700	660	660	670
Asset Dynamics									
Beginning Asset Position		64	64	64	80	107	124	139	154
Deliveries from all prior year	r funding	64	0	0	0	0	0	0	0
Deliveries from FY 1997 fun	ding	0	0	0	0	0	0	0	0
Deliveries from FY 1998 fun	ding	0	0	24	0	0	0	0	0
Deliveries from FY 1999 fun	ding	0	0	0	35	0	0	0	0
Deliveries from subsequent	years' funding	0	0	0	0	25	23	23	23
Other Gains		0	0	0	0	0	0	0	0
Combat Losses/Usage		0	0	0	0	0	0	0	0
Training Losses/Usage		0	0	0	0	0	0	0	0
Test Losses/Usage		0	0	0	0	0	0	0	0
Other Losses/Usage		0	0	0	0	0	0	0	0
Disposals/Retirements/Attrit		0	0	8	8	8	8	8	8
End of Year Asset Position	•	64	64	80	107	124	139	154	169
Inventory Objective or Curre		180	180	180	180	180	180	180	180
Inventory Objective	Actual Training	Other than Traini	ng	Disposals		Vehicles Eligible		Aircraft:	
180	Expenditures	Usage		(Vehicles/Other)		FY 1998 Replace		TOAI:	
Assets Rqd For Combat	FY 1996 thru	FY 1996 thru		FY 1996 thru		Vehicles Eligible		PAA:	
Loads:	XXXXX:	XXXXX:		XXXXX:		FY 1999 Replace		TAI	
WRM Rqmt:	FY 1995:	FY 1995:		FY 1995:		Vehicle Augmen	t:	Attrition Res:	
Pipeline:	FY 1994:	FY 1994:		FY 1994:				BAI	
Other: 180	FY 1993:	FY 1993:		FY 1993:				Inactive Inv:	
TOTAL: Remarks:								Storage:	

Remarks:

Inventory objective of 15 equals: 15 Cameras per CV/CVN (15*12)

180

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CLASSIFICATION:

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UNCLASSIFIED

			BUDGET	ITEM JUST	IFICATION S	SHEET				DATE:			
				P-40	0						Februa	ry 1998	
APPROPRIATION/	BUDGET ACTIVITY	/						P-1 ITEM NO	MENCLATURE			-	
Aircraft Procur	ement, Navy B	A-7							Sı	pecial Supp	ort Equipme	ent	
Program Element for	or Code B Items:							Other Related	Program Elen	nents			
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST													
(In Millions)	\$250.158		\$25.391	\$13.139	\$8.592	\$22.754	\$14.377	\$44.933	\$42.646	\$19.927	\$1.908	Cont	Cont

Details of this P-1 item are classified. Justification of this request is provided separately.

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CLASSIFICATION:

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			BUDGET	ITEM JUST	IFICATION S	SHEET				DATE:			
				P-40)						Februa	ry 1998	
APPROPRIATION/E	SUDGET ACTIVITY	1				P-1 ITEM NO	MENCLATURE						
Aircraft Procure	ment, Navy B	A-7							First	Destination	n Transport	ation	
Program Element fo	r Code B Items:					Other Related	Program Elen	nents					
	Prior	ID										То	
	Years	Code	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Complete	Total
QUANTITY													
COST													
(In Millions)	\$16.477		\$3.292	\$4.105	\$3.025	\$1.676	\$1.713	\$1.722	\$1.731	\$1.745	\$1.765	CONT	CONT

This line finances the movement of newly procured equipment and material from the contractor's plant to the initial point of receipt by the Government.

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